Journal of the American Osteopathic Association
Index to Volume 78

This index is divided into an AUTHOR INDEX and a SUBJECT INDEX. Monthly page numbers are continuous through each issue; they appear in the text in lightface. Items indexed from the reader sections are identified by volume page numbers which are continued from month to month; they appear in the text in boldface. Inclusive pagination for reader pages by month is as follows:

Pages	Month	Year
1-78	September	1978
79-159	October	1978
160-237	November	1978
238-302	December	1978
303-379	January	1979
380-456	February	1979
457-533	March	1979
534-606	April	1979
607-681	May	1979
682-762	June	1979
763-839	July	1979
840-924	August	1979

Included in the AUTHOR INDEX are entries arranged in alphabetical order for authors of original articles and research abstracts. Also included are listings for authors of signed editorials, book reviews, organizational material, sections, letters, and clinical notes.

The SUBJECT INDEX includes entries for all original articles, editorials, clinical notes, letters, sections, and educational and organizational matter. The educational and organizational information includes entries from the JAOA ALMANAC, a supplement to the April 1978 JAOA.

Editorial titles are listed alphabetically by title under the heading EDITORIALS.

MEDI-NOTES includes entries by month, with subjects and pagination.

Entries for book reviews and book notices (identified by "R" and "N") follow all other entries under the letter "B."

Author Index

Included in the author index are entries arranged in alphabetical order for authors of original articles identified by an asterisk (*). Articles in Clinical Notes are identified by the letters "CN." Letters by the letter "L," Audio Educational Service by the letters "AUD," research articles and abstracts by "RES," and special articles by the letters "SA." Also included are listings for authors of signed editorials identified by the letter "E," book reviews "BR," and the Last Word, "LW."

Alexander, Bernice, Hesbacher, Peter, and Rothman, Irwin: Physical impairment and emotional problems among chronically disabled patients, 792*
Allen, Lois B., Hintz, Carol J., and Harris, Elizabeth F.: Approaches to management of type 2 Herpesvirus hominus (HVH/2) genital infections: Experience based on an animal model, 377-RES
Atkins, Anita H.: Management of hirsutism in the female, 645*
Auseon, John C.: Mitral valve prolapse, 739*
—Progress in cardiology, 691-BR
Awad, Atif B.: Effect of elaidic acid feeding to tumor-bearing mice on the fatty acid composition of the Ehrlich ascites tumor cells and the host liver, 141-RES
Backes, Carl R.: Pleural effusion in the neonate caused by congenital chylothorax, 32*
—See Foy, James E., jt. author
Bai, Richard E.: Large duodenal diverticulum with septicemia, cholangitis, and jaundice, 263*
Bailey, Hannah, W.: The neurobiologic mechanisms in manipulative therapy, 393-BR
Baker, B.B.: Modern medicine: A concise textbook for students and practitioners, 155-BR
Baker, Walter W., and Kratky, Martha: Analysis of local excitatory mechanisms in the hippocampus, 147-RES
Bard, Dean A.: See Hoyt, W. Hadley, jt. author
Barsky, Howard E.: Histamine and acetaminophen—a reader's "untoward" reaction, 163-L
Beal, Myron C.: Biomechanics and energetics of muscular exercise, 11-BR
Belis, John A.: See Cenedella, Richard J., jt. author
Bell, Joseph W.: See Minh, Vu-Dinh, jt. author
Bell, Richard D.: Investigation of renal lymph and lymphatic vessels, 837-RES
Benesler, J.S.: See Hoyt, W. Hadley, jt. author
Bennett, Gerald D., Henrickson, Don W., and Gierke, Louis W.: Filling out a death certificate, 597-SA
Berger, Robert: Cerebral palsied and learning disabled children, 449-BR
Betts, William E., Jr.: Comprehensive arthroscopic examination of the knee, 300-BR
Biggert, Thomas: See Retzlaff, Ernest W., jt. author
Blair, T. Calvin: See Kleiber, George E., jt. author
Blanchard, B. Everard: The Blanchard obesity and nutritional index (BONI), 294-RES
Blankenhorn, Glenn D., III: See Hoyt, W. Hadley, jt. author
Blend, M.J.: Textbook of nuclear medicine: Basic science, 843-BR
Blonder, Ronald D.: Clinical cardiology, 544-BR
—The use of vasodilator therapy for heart failure, 743*
Bond, Guy H., Urbanc, Bruce C., and Hudgins, Patricia: Regulation of membrane-transport ATPase activity by trace amounts of vanadium, 835-RES
—See Hudgins, Patricia M., jt. author
Bond, Robert F.: Cardiovascular physiology, 247-BR
—Peissner, Lorraine C., and Manning, Eva S.: Evidence against a reflex vasodilation in hemorrhagic hypotension, 836-RES
—Peissner, Lorraine C., and Manning, Eva: Oxygen consumption and skeletal muscle vascular decompensation during hypovolemic shock, 526-RES
Bowden, Boyd W.: The care of congenital hand anomalies, 298-BR
—The hand book, 775-BR
—Tennis elbow, 45*
Bowling, Richard W.: A physical therapist's view of osteopathic medicine, 6-L
Bowman, Marc: See Roberts, F.W., jt. author
Boydman, S.: See Friedman, M.H.F., jt. author
Brakensiek, Jay: See Towns, Lex C., jt. author
Braun, William E.: See Calabrese, Leonard H., jt. author
Brewin, Anne: See Emmett-Oglesby, M.W., jt. author
Brodsky, W.A.: See Ehrenspeck, G., jt. author
Brooks, I.: See Friedman, M.H.F., jt. author
Buening, Ronald A., and Mock, Orin B.: The 12-day embryo of the Least shrew, Cryptotis parva, 144-RES
Burchett, Gail D.: Progress in cardiology, 372-BR
Burnstein, Stephen, L., Weinstein, James N., Miota, Daniel J., and Melnicoff, Ira L.: Cardiovascular manifestations of ankylosing spondylitis, 723*
Butterworth, Mary L.: Manual of anesthesia, 301-BR
Calabrese, Leonard H., Clough, John D., and Braun, William E.: Histocompatibility antigens and rheumatic diseases, 192*
Calabria, J.T.: Surgical diagnosis, 93-BR
Caleel, G.T.: Medical group practice management, 170-BR
—Textbook of nuclear medicine: Basic science, 843-BR
Callahan, David M.P.: See Kline, Mervyn H., jt author
Carnes, James E.: In vivo and in vitro transformations of murine tissue to produce a lymphosarcoma, 142-RES
—See Sissom, Janice, jt. author
Cantrell, E.T., Mc Lemore, T.L., Martin, R.R., and Busbee, D.L.: Aryl hydrocarbon hydroxylase in lung cancer patients: A potential diagnostic tool, 146-RES
Caruso, Samuel L.: Adolescents in health and disease, 246-BR
Cenedella, Richard J., Belis, John A., and Milam, P.F.: Possible early detection of prostatic

cancer by measurement of urinary non-esterified cholesterol, 148-RES
—See Zepp, E.A., jt. author
Chambers, John W.: Clinical endocrinology: A survey of current practice, 91-BR
Chapman, J. Dudley: Sexuality—The mature or childbearing years and the effect of gynecologic surgery, 509*
Cheng, Yung-Chi: See Williams, Marshall V., jt. author
Cicora, R. Allen: See Tettambel, Melicien, jt. author
Citta, R.J.: See Smialek, Richard A., jt. author
Clough, John D.: See Calabrese, Leonard H., jt. author
Coleman, Henry J.: The surgical treatment of angina pectoris, 727*
Conover, Gerald R.: The nervous system, 13-BR
Cooper, Gerald J.: Some clinical considerations on fascia in diagnosis and treatment, 336*
Cordas, Steven: Calcium, phosphate and magnesium metabolism: Clinical physiology and diagnostic procedures, 67-BR
—Nutritional support of medical practice, 466-BR
Corner, Rebecca: See Kuntz, Eloise, jt. author
Cornwell, Robert R.: Medicine: Essentials of clinical practice, 451-BR
Costin, J. Richard: The year book of surgery 1978, 776-BR
Cowsill, Lawrence J.: Gilbert's syndrome: Report of a case and review of literature, 631*
Crocker, Patrick J., and Ostwald, Rosemarie: The effects of saturated and unsaturated dietary fat on cholesterol storage in the guinea pig, 64-RES
—See Johnson, Noel T., jt. author
Croley, Thomas E.: Differences in the buccal mucosae among women with different prevailing hormone influences, 296-RES
Davis, Jerry L.: See Lacko, Andreas G., jt. author
De Bias, D.A., Greene, C.H., Heilig, E., and Woolard, M.R.: A study of the somatic component of experimental myocardial infarction, 145-RES
Denslow, J.S.: See Krough, J.E., jt. author
Dinnar, Uri: Analysis of gait as a diagnostic tool and for evaluation of treatment, 447-RES
—Decision-making process in manipulative therapy, 65-RES
—See Karni, Zvi, jt. author
Dolan, Gerald F.: See Minh, Vu-Dinh, jt. author
Dombroske, Olan C., and Young, Ronald B.: Synthesis and accretion of myosin during muscle cell differentiation, 63-RES
Dunlap, Sarah: See Litchfield, Robert, jt. author
Dunworth, Leonard: See Fabaz, Anthony G., jt. author
Durham, J.: See Ehrenspeck, G., jt. author
Efrusy, Mark E.: The metabolic management of the critically ill, 776-BR
Ehrenspeck, G, Brodsky, W.A., and Durham, J.: Disulfonic stilbene effects on anion transport in turtle bladders: Evidence for electrogenic HCO_3 secretion, 143-RES
Ehrenspeck, G., Durham, J.H., and Brodsky, W.A.: Stimulation of bicarbonate reabsorption by the diuretic drug, amiloride, 904-RES
Elko, Edward E., Wood, William B., and Igbokwe, Emmanuel C.: Effect of diazoxide and minoxidil on canine vascular responsiveness, 835-RES
Elmets, Harry B.: Dermatology, 14-BR
Emerson, Richard: Surgical treatment of third-degree lateral ankle ligament ruptures to ensure stability, 273*
Emmett-Oglesby, M.W., Brewin, Anne: Tolerance to the behavioral effects of methylphenidate after daily and intermittent administration, 143-RES
—See Shepard, Paul, jt. author
Ericson, Grover: Skeletal muscle hypertrophy induced by weight-lifting exercise in cats, 836-RES
Estrine, Irwin H.: Osteonecrosis of the femoral head as related to alcoholism, 637*
Ewing, K.L.: See Rubal, B.J., jt. author
Fabaz, Anthony G, and Dunworth, Leonard: Eosinophilic enteritis: Diagnosis and management, 655*
Farquhar, Ralph, C., III: Preoperative irradiation in the definitive treatment of adenocarcinoma of the rectum, 574*
Farrington, Ralph A.: Straight facts about fluoroscopic positioning, 537-L
Fetzer, John A.: Our osteopathic heritage: Practicing the precepts within the specialty*, 249-E
Finn, Warren E.: See Schoen, Robert E., jt. author
Flick, Gervase M.: All D.O.s are not created equal, 388-L
Foster, Leland G., and Nelson, Eldon L.: Research in osteopathic colleges: Update 1977, 234-RES
Fox, Robert E., Jr.: Refractory and recurrent spontaneous pneumothorax: Medical management with intrapleural tetracycline, 882*
Foy, James E., and Backes, Carl R.: A study of the relationship between Goodwin's high-risk scoring system and fetal outcome, 113*
Freed, Nathan: Current perspectives in the treatment of breast cancer, 420*
Friedman, M.H.F., Boydman, S., Rizzo, F., Greene, H., and Brooks, I.: Heart rate fluctuations in healthy subjects following exercise, 66-RES
Friedman, M.H.F., Hudson, Wayne P., and Young, Galen S.: Gastrointestinal reflexes of visceral and somatic origin, 903-RES
Gallagher, T. James: See Reilley, Thomas E., jt. author
Galusha, J. Harley: Medical ophthalmology, 528-BR
Garcia, E.: See Mojica-A. T., jt. author
Garland, Donald E., McCaw, Maxhn H., and Kreamer, Robert: Crescendo angina: Surgical experience, 29*
Garmon, Robert G.: Pulmonary eosinophilia: Review of the literature and report of a case, 348*
Gaugl, John F., and Haenke, Richard: Myocardial contractility during and following hemorrhagic hypotension, 145-RES
Gierke, Louis W.: See Bennett, Gerald D., jt. author
Golding, Philip: Systemic pathology, 774-BR
Gonzalez-Lavin, Lorenzo: See Kleiber, George E., jt. author
Goudy, William D.: See Patterson, Michael M., jt. author
Gracy, Robert W.: A three-phase program for the identification and characterization of genetic variant forms of glucosephosphate isomerase, 231-RES
Grainger, H. George: Ethyl chloride for relief of head pain, 537-L
Grant, Thomas H., Katzen, Harold: Ultrasound in obstetrics and gynecology, 221*
Gray, John Hilaire: See Hoyt, W. Hadley, jt. author
Greene, C.H.: See De Bias, D.A., jt. author
Greene, H.: See Friedman, M.H.F., jt. author
Griffin, Kathy A.: See Suarez, Kenneth A., jt. author
Gutensohn, M.O.: Electrodiagnosis of neuromuscular diseases, 449-BR
Gutensohn, Max. T.: The treatment of venous disorders, 248-BR
Guthrie, John R.: Family medicine: Principles and practice, 391-BR
Hackett, Thomas: Managing the clinical aspects of death and bereavement, 153-AUD
Haenel, Louis C.: Endocrinopathies and the heart, 711*
—The thyroid: A fundamental and clinical text, 313-BR
Haenke, Richard: See Gaugl, John F., jt. author
Harris, Ben G.: See Tseng, Yuh-Miin, jt. author
Harris, Elizabeth F.: Characterization of mutants of a very small staphylophage, 65-RES
—See Allen, Lois B., jt. author
Hart, Randall C.: Assisted ventilation of the neonate, 210*
Hartlage, Patricia: See Roberts, F.W., jt. author
Hartman, W.T.: See Hoyt, W. Hadley, jt. author
Haspel, Lawrence U.: Percutaneous angiography, 773-BR
—See Litchfield, Robert, jt. author
Hatch, William J.: Pathways of weak acid transport in rat jejunum, 145-RES
Hawes, C.M., and Mysliwiec, Lawrence: Orthopaedic neurology: A diagnostic guide to neurologic levels, 314-BR
Hawkins, Terrence E.: Neuroophthalmology, 466-BR
Heard, John T.: Specific pair formation in the Bacillus subtilis transformation system, 837-RES
—See Steiner, Bret M., jt. author
Hecker, Earl T.: Fibroleiomyoma of the bronchus: Report of case, 876*
Heilig, D.: See De Bias, D.A., jt. author
Hendrickson, Donald W.: Pathology, 90-BR
—See Bennett, Gerald D., jt. author
Hesbacher, Peter: See Alexander, Bernice, jt. author
Hill, J.L.: See Johnston, William L., jt. author
Hintz, Carol J.: See Allen, Lois B., jt. author
Hoag, J. Marshall: The musculoskeletal system: A major factor in maintaining homeostasis, 562*
Hollandsworth, Don L.: See Rubin, Bernard, jt. author
Howell, John N.: Effects of calcium and foreign cations on resting potentials, action potentials, and excitation-contraction coupling in skeletal muscle, 66-RES
—and Snowdowne, Kenneth W.: A comparison of the effects of ruthenium red and calcium ions on excitation and excitation-contraction coupling in skeletal muscle, 901-RES
Hoyt, W. Hadley, Shaffer, Frederic, Bard, Dean A., Benesler, J.S., Blankenhorn, Glenn D., III, Gray, John Hilaire, Hartman, W.T., and Hughes, Larry C.: Osteopathic manipulation in the treatment of muscle-contraction headache, 322*
—Rehabilitation medicine, 373-BR
Hudgins, Patricia M., and Bond, Guy H.: Kinetics of inhibition of human red cell membrane NaK-ATPase by vanadium, 294-RES
—See Bond, Guy H., jt. author
Hudson, Wayne P.: See Friedman, M.H.F., jt. author
Hughes, Larry C.: See Hoyt, W. Hadley, jt. author
Humphrey, Frederick J. II: Childhood: A time of turbulence, growth, and diagnostic challenge, 54*
Igbokwe, Emmanuel C.: See Elko, jt. author
Irving, W. Lee: Interuterine growth retardation: Report of case and review of literature, 488*
Jablonski, Richard A.: Trichophytosis: Report of case, 35*
Jacks, Richard K.: Geropsychology: A model of training and clinical service, 300-BR
Jacobson, Myron K.: See Tseng, Yuh-Miin, jt. author
Jarrett, Thomas E.: See Miceli, Louis A., jt. author
Jeck, Saul: The hazards of radiation in pregnancy, 435*
Johnson, E.R., Jones, M.D., and Stewart, J.N.: Occurrence of pheochromocytoma after ingestion of imipramine, 332*
Johnson, Noel T., Crocker, Patrick J., and Wilson, Richard A.: Trends in the diagnosis and therapy of acute oral pharyngitis in the state of Iowa, 902-RES
Johnson, Russell: See Steiner, Bret M., jt. author
Johnston, William L., and Hill, J.L.: Segmental dysfunction in the cervicothoracic spine, 149-RES
Jones, M.D.: See Johnson, E.R., jt. author
Kabara, Jon J.: Biochemical biopsy: Interpretative reporting of electrophoresis data, 447-RES
—See Tweedle, Charles D., jt. author
Kaman, Robert L., and Wade, Twila: The effects of near maximal aerobic exercise on serum enzyme activity in women, 904-RES
—See Tollefsbol, Trygve, jt. author

—See Walker, Foster, jt. author
Kantor, Neil M.: Current developments in perinatology: The fetus, placenta, and newborn, 450-BR
—and DeFranco, Paul: Comments on assisted ventilation in the neonate, 688-L
Karni, Zvi, Dinnar, Uri, Mitchell, Fred, Jr., and Upledger, John E.: Mechanical and material descriptors for sacroiliac treatments, 378-RES
—See Upledger; John E., jt. author
Katz, Howard P.: The year book of family practice 1978, 773-BR
Katz, Steven: The insertion of Swan-Ganz catheters by subclavian technique, 889*
Katzen, Harold: See Grant, Thomas H., jt. author
Kebabjian, D.D.: The year book of anesthesia 1978, 546-BR
Kerr, Thomas J., and Tritz, Gerald J.: Utilization of vitamin-free casamino acids by dichotomistic nicotinamide adenine dinucleotide mutants of Escherichia coli, 64-RES
Kiszonas, Richard A.: Natural background radiation in the United States, 91-BR
—Radiation protection for medical and allied health personnel, 235-BR
—Review of NCRP radiation dose limit for embryo and fetus in occupationally-exposed women, 372-BR
—Structural shielding design and evaluation for medical use of x-rays and gamma rays of energies up to 10 MeV, 247-BR
Kleiber, George E., and Schwinghamer, James: Cardiac drugs: Assessment of new concepts concerning the therapy of cardiac arrhythmias, 744*
—Gonzalez-Lavin, Lorenzo, and Blair, T. Calvin: Surgical treatment of severe coronary artery disease with critical stenosis of the left main coronary artery, 865*
Klimek, Edward M., and Wharton, Charles H.: Kwashiorkor as a result of food faddism, 136*
Kline, Mervyn H., Callahan, David M.P., and Salvucci, Thomas J.: Isoelectric ion-exchange chromatography, 142-RES
Klinzing, James: See Ragg, Kerry E., jt. author
Knouse, C.A.: Show and tell time for doctors, 74-LW
Komanski, Henry J., and Zagoren, Allen J.: Afterload reduction in treatment of congestive heart failure, 326*
Kopplin, Ronald P.: See Suarez, Kenneth A., jt. author
Kratky, Martha: See Baker, Walter W., jt. author
Kreamer, Robert: See Garland, Donald E., jt. author
Krogh, J.E., and Denslow, J.S.: A spinal reflex in the dog, 147-RES
Kuntz, Eloise, Corner, Rebecca, and Nelson, Scott: Myoblast stimulating peptides from nerve, 231-RES
Kursar, Gerald H.: Fitting guide for hard and soft contact lenses: A practical approach, 12-BR
Lacko, Andreas G., and Davis, Jerry L: Age-related serum lipid and lipoprotein changes in rats and primates, 150-RES
Lalli, John J.: Peripheral entrapment neuropathies, 11-BR
Lay, Edna M.: See Tettambel, Melicien, jt. author
Lee, Gary G.: Intraumbilical postpartum tubal ligation using an anoscope, 505*
Levine, Alan: Chest physical therapy for children with pneumonia, 122*
Levine, Neil Marshall: Fetal response to auditory stimuli in hypertensive and normal pregnancy, 515*
Levy, Robert I.: Praise for pediatric hypertension article, 538-L
Librizzi, Ronald J.: Hypertension in pregnancy: A chronic disease process, 494*
Lin, Yu Chen: See Peplowski, Bernyce M., jt. author
Litchfield, Robert, Wolfson, Paul, Haspel, Lawrence, and Dunlap, Sarah: Differential diagnosis of leg ulcers, 364*
Luckenbill-Edds, L., and Van Horn, C.: Histogenesis of paravertebral sympathetic ganglia in the chick, 65-RES
Maclaurin, John P.: Elevated uric acid level: Clinical significance in cardiovascular and renal disease, 72-AUD
Magoun, Harold I., Sr.: Clinical management of head, neck and TMJ pain and dysfunction: A multi-disciplinary approach to diagnosis and treatment, BR
—The dental search for a common denominator in craniocervical pain and dysfunction, 810*
Mandel, Paul: See Pieringer, Joanne G., jt. author
Mandell, Robert M.: Orthopaedics: Principles and their application, 90-BR
Manley, Emmett S., Jr.: Review of medical pharmacology, 843-BR
Manning, Eva: See Bond, Robert F., jt. author
Mansi, Michael L.: Cholecystosonography and the obstetrician, 40*
—The relationship between meconium-stained amniotic fluid and changes in fetal heart rate, 475*
Marsh, Ella J.: See Miceli, Louis A., jt. author
Martin, Suzanne L.: See Willingham, Allan K., jt. author
Mathews, William G.: See Patterson, Michael M., jt. author
McCaw, Maxhn H.: See Garland, Donald E., jt. author
McDonald, F.D.: See Slick, Gary L., jt. author
McLenmore, T.L.: See Cantrell, E.T., jt. author.
Measel, John, Jr.: Initial studies into the protective effect of passive immunization by enterobacterial common antigen, 233-RES
Melnick, Arnold: Pediatric supplement, 93-E
Meoli, Frederick G.: Tuberculous peritonitis: A diagnostic and therapeutic challenge, 827*
Miceli, Louis A., Marsh, Ella J., Jarett, Thomas E.: Fetal alcohol syndrome-physical and intellectual manifestations: Comparison of two cases, 116*
—and Moore, Eddie S.: Systemic lupus erythematosus: A renal review with a pediatric perspective, 799*
Middleton, R.B.: See Mojica-A, T., jt. author
Migdal, S.D.: See Slick, Gary L., jt. author
Mikesell, Danny: See Smith, Vernon S., jt. author
Milam, P.F.: See Cenedella, Richard J., jt. author
Miller, Lewis A.: New name for medical record, 388-L
Miller, Stephen, and Perrotta, Augustine L.: Multiple myeloma: Results with the M-2 protocol in a community hospital, 857*
Minh, Vu-Dinh, Bell, Joseph W., and Dolan Gerald F.: Estimation of respiratory reserve for physical exercise from maximum breathing capacity in patients with COLD, 64-RES
Mitchell, Fred, Jr., Roppel, Richard, and St Pierre, Norman: Accuracy and perceptual decisional delay in motion perception, 149-RES
—See Karni, Zvi, jt. author
—See Retzlaff, Ernest W., jt. author
Mock, Orin B.: See Buening, Ronald A., jt. author
Mojica-A, T., Middleton, R.B., and Garcia, E.: Infection of Salmonella typhimurium by Coliphages T_3 and T_7, 143-RES
Mollen, Arthur J.: Hidden causes of injury, prevention and correction, for running athletes and joggers, 247-BR
Moore, Eddie S.: See Miceli, Louis A., jt. author
Murphy, Brent J.: Transurethral prostatectomy: A statistical and comparative analysis of 415 cases, 553*
Murphy, Raymond A.: Mucolipidosis III (pseudo-Hurler polydystrophy): Report of case, 37*
Murphy, Richard J.: Logan Turner's diseases of the nose, throat and ear, 452-BR
Naftulin, Richard J.: Giant-cell tumor of bone (osteoclastoma): Report of case. 822*
Nelson, Eldon L.: See Foster, Leland G., jt. author
Nelson, Scott: See Kuntz, Eloise, jt. author
Nemcok, Joseph C.: Breech delivery in the primigravida: Vaginal versus cesarean section, 479*
Nemerof, Henry: Considerations in rehabilitation facility development, 171-BR
Neufeld, Carl L.: Atlas of carotid angiography, 617-BR
Nigro, Michael A.: Myopathies, 392-BR
Northup, Jeffrey C.: Te Linde's Operative gynecology, 315-BR
Olden, M.R.: Textbook of nuclear medicine: Basic science, 843-BR
Olson, Dean R.: See Pinsky, Howard A., jt. author
Orth, H.C.: Maternal mortality under osteopathic care: Twenty years' experience, 21*
Ostwald, Rosemarie: See Crocker, Patrick J., jt. author
Packin, Gary S.: Clinical gynecologic endocrinology and infertility, 545-BR
Palmer, Allen S.: A new uterine mobilizer for laparoscopy, 524-CN
Pandya, K.H.: Postnatal ontogenetic changes in beta-adrenoceptor activity of the canine tracheal smooth muscle, 377-RES
—Temperature-induced modifications on reactivity of the canine tracheal smooth muscle to carbachol, isoproterenol, and aminophylline, 899-RES
Papa, Louis A.: Hemodynamic monitoring in acute myocardial infarction, 701*
Patterson, Michael M., Mathews, William G., and Goudy, William D.: Effects of cs intensity on classical eyelid response conditioning in the cat, 148-RES
—and Romano, Tony: Classical conditioning of the hind limb flexion reflex in the cat, 898-RES
Pawlak, Anne M.: Chalonic inhibition inducing tumorogenesis, 142, RES
Pedano, Nicholas C.: Operative cholangiography, 662*
Peissner, Lorraine C.: See Bond, Robert F., jt. author
Peplowski, Bernyce M., and Lin, Yu Chen: The anticarcinogenic effect of mercenene, 144-RES
Perrin, Ward E.: Advances in internal medicine, 173-BR
Perrotta, Augustine L.: See Miller, Stephen, jt. author
Phillips, Teresa A.: See Young, Ronald B., jt. author
Pieringer, Joanne G., Rao, G. Subba, Mandel, Paul, and Pieringer, Ronald A.: Association of sulphogalactosylglycerolipid of rodent brain with myelination, 63-RES
Pieringer, Ronald A.: See Pieringer, Joanne G., jt. author
Pinsky, Howard A., and Olson, Dean R.: The results of excision of the patella, 286*
Plone, David B.: An atlas of normal development roentgen anatomy, 690-BR
Price, Alexander: The year book of cardiology 1978, 690-BR
Pritchard, Charles L.: Development of angiography and cardiovascular catheterization, 68-BR
—Electrocardiographic atlas, 91-BR
Puig, C.J., and Haenschen, R.J.: Hair transplantation for congenital alopecia, 432*
Ragg, Kerry E., and Klinzing, James: Metabolic adaptations to physical training, 150-RES
Ranelle, Brian D.: Differential diagnosis and management of acute follicular conjunctivitis, 49*
Rao, G. Subba: See Pieringer, Joanne G., jt. author
Reeves, James B.: Production of proteases by Pseudomonas aeruginosa isolated from burn patients, 296-RES
Reilley, Thomas E., and Gallagher, T. James: Common problems in the surgical intensive care unit, 651*
Rentz, Louis E.: Stroke, 155-BR
Retzlaff, Ernest W.: Atlas of descriptive histology, 14-BR

—Mitchell, Fred, Jr., Upledger, John E., Biggert, Thomas, and Vredevoogd, J.: Temporalis muscle action in parietotemporal suture compression, 141-RES
—See Upledger, John E., jt. author
Richardson, Martyn E.: Accident and emergency paediatrics, 93-BR
Rizzo, F.: See Friedman, M.H.F., jt. author
Roat, Gary W.: Manual of neurologic therapeutics with essentials of diagnosis, 773-BR
Roberts, F.W.: A new concept of genetic transmission in Klippel-Feil syndrome, 297-RES
—Hartlage, Patricia, and Bowman, Marc: Myositis, myoglobinuria, and muscle fiber necrosis associated with parainfluenza Type III virus infection, 378-RES
Rochen, Donald M.: Atlas of the face in genetic disorders, 69-BR
Rock, Joel U.: Clinical application of blood gases, 157-BR
Rodos, J. Jerry: Alvarez on Alvarez, 371-BR
—Health services: The local perspective, 545-BR
—You can have a baby: New hope for the childless, including the facts about test tube births and other new techniques, 679-BR
Rogers, Joseph C.: Paroxysmal supraventricular tachycardia, 733*
Rogers, Joseph T.: Pericardial diseases, 13-BR
Romano, Tony: See Patterson, Michael M., jt. author
Roose, Paul E.: Proximal femoral replacement total hip arthroplasty, 666*
Roppel, Richard: See Mitchell, Fred Jr., jt. author
Rose, Norman, Stanley, William, Holt, Stephen, and Arnold, David: Clinical experiences with microcrystalline collagen hemostatic material, 254*
Rosner, Marvin L.: Progress in cardiology, 15-BR
—Quick reference to cardiovascular diseases, 173-BR
Ross, Charles E.: Chemical hazards of the workplace, 616-BR
Ross, Herbert E.: The clinical management of muscle disease: A practical manual of diagnosis and treatment, 157-BR
Rothman, Irwin: Elements of psychotherapy, 157-BR
—See Alexander, Bernice, jt. author
Rowland, Thomas M., Jr.: Waging war against complacency, 537-L
Rubal, B.J., Traycoft, R.B., and Ewing, K.L.: Heat of lumbosacral sprain and postoperative instability, 151-RES
Ruberg, Raymond L.: Arterial occlusion in children: Report of a case, 110*
Rubin, Bernard, and Hollandsworth, Don L.: Hyponatremia in the clinical hospital setting, 585*
Ryan, Michael E.: Transport of neonates for intensive care, 103*
St. Pierre, Norman: See Mitchell, Fred Jr., jt. author
Salvucci, Thomas J.: See Kline, Mervyn H., jt. author
Sauers, Paul W.: Clinical phonocardiography and external pulse recording, 757-BR
—The conductive system of the heart: Structure, function and clinical implications, 313-BR
Schiowitz, Stanley: Skeletal maturity: The knee joint as a biological indicator, 93-BR
Schoen, Robert E., and Finn, Warren E.: A model for studying a viscerosomatic reflex induced by myocardial infarction in the cat, 62-RES
Schunder, Mary: Ultrastructural calcium localization in intestinal mucosa in response to vitamin D therapy, 232-RES
Schweig, Edward L.: Scabies and pediculosis, 170-BR
Scott, H.P.: Diagnostic E.N.T., 298-BR
Sesso, Donald J.: The lung: Structure, function and disease, 776-BR
Shaffer, Frederic: See Hoyt, W. Hadley, jt. author
Shepard, Paul, and Emmett-Oglesby, M.W.: Effect of operant behavior on the metabolism of 5-hydroxy-tryptamine, 234-RES
Siehl, Donald: Communication from the AOA president, 319-E
—Nelson A. Rockefeller, 1908-1979, 472-E
—Presidential acceptance address, 101*
Simon, Sidney: Allergy: Principles and practice, 464-BR
Sinclair, Richard J., and Wooldridge, Brad: Fluoride-induced polyuria in the dog, 63-RES
—Pharmacokinetics of fluoride in the dog, 835-RES
Sissom, Janice, and Carnes, James E.: Ultrastructural characterization of ovulation in the hamster, 146-RES
Slattery, Gerald G.: Color atlas of human anatomy, 13-BR
Slick, Gary L., Migdal, S.D., and McDonald, F.D.: The role of atrial transmural pressure in the antinatriuresis of thoracic inferior vena cava constriction, 448-RES
Slotnick, Edward A.: Gynecologic endocrinology, 12-BR
Smeyne, A. Leon: "Procto-Basics": A text of basic proctology, 466-BR
Smialek, Richard A., and Citta, R.J.: Varices of the small intestine: A rare cause of massive gastrointestinal hemorrhage, 281*
Smith, C. Richard: Percutaneous angiography, 773-BR
Smith, Vernon S., Mikesell, Danny, and Stoker, Joseph A.: The use of lactulose syrup for the control of hyperammonemia in Reye's syndrome: Report of case, 126*
Smoot, Carl A.: Experience with subclavian vein catheterization in a community hospital, 426*
Snowdowne, Kenneth W.: See Howell, John N., jt author
Snyder, Steven: Hypertension in children, 130*
Sperry, Brent: Benign intracranial hypertension associated with palsy of the third cranial nerve, 816*
Stanley, William: See Rose, Norman, jt. author
Stein, Harold A., and Slatt, Bernard J.: Fitting guide for hard and soft contact lenses: A practical approach, 12-R
Steiner, Bret M., and Johnson, Russell: Studies on the metabolism of Leptospira interrogans serovar illini, 447-RES
—Heard, John T., and Tritz, Gerald J.: Sequence of enzymatic steps in the biosynthesis of NAD by Escherichia coli, 900-RES
Steiner, Charles: Subjectivity—unsound basis for craniosacral research, 386-L
Stevens, John S., Jr.: Hydrocephalus with teratoma—An attempt at twinning: Report of case, 441*
Stewart, J.N.: See Johnson, E.R., jt. author
Stiles, William F.: "Neurogenic bladder" of nonneurogenic origin: Report of case, 199*
Stoker, Joseph A.: See Smith, Vernon S., jt. author
Suarez, Kenneth A., Kopplin, Ronald P., and Griffin, Kathy A.: Inhibition of drug metabolism as a possible mechanism for the protective effect of diethylmaleate against CCl_4 hepatotoxicity, 900-RES
Sullivan, David: Surgical correction of alkaline gastritis by the Roux-en-Y diversion technique: Report of case, 290*
Superfan, Neil P., Williams, Harvey E., and Woll, Laurie M.: Psoriasis: Use of psoralens and high-intensity ultraviolet irradiation in office practice, 557*
Syler, A. Carlton: Basic and clinical immunology, 616-BR
Tavel, Morton E.: Clinical phonocardiography and external pulse recording, 757-R
Taylor, Jerry A.: Total wrist arthroplasty (Meuli) for the treatment of advanced rheumatoid arthritis, 267*
Tettambel, Melicien, Cicora, R. Allen, and Lay, Edna M.: Recording of the cranial rhythmic impulse, 149-RES
Theobald, Robert J.: The effects of guanethidine on adrenergic and purinergic inhibition of the urinary bladder of the cat, 901-RES
Tollefsbol, Trygve, and Kaman, Robert L.: Diisolectric behavior of the histidinerich protein isolated from the epidermis of the newborn rat, 295-RES
Towns, Lex C., and Brakensiek, Jay: Tectothalamic fiber projections in the rabbit, 148-RES
Townsend, Alexandra A.: The use of the problem-oriented medical record to improve delivery of osteopathic health care, 179*
Traycoft, R.B.: See Rubal, B.J., jt. author
Tritz, Gerald J.: See Kerr, Thomas J., jt. author
—See Steiner, Bret M., jt. author
Tseng, Yuh-Miin, Harris, Ben G., and Jacobson, Myron K.: Isolation and characterization of nicotinamide adenine dinucleotide kinase, 233-RES
Tweedle, Charles D., and Kabara, Jon J.: The stimulus for collateral nerve sprouting in muscle, 899-RES
Tyler, Neil B.: Echocardiography: Applications to the clinical spectrum of ischemic heart disease, 399*
—Essential intensive care, 312-BR
Upledger, John E.: Pressure points: Do-it-yourself acupuncture without needles, 155-BR
—The relationship between craniosacral examination findings and the problems of special education students*, 379-RES
—and Karni, Zvi: Mechano-electric patterns during craniosacral osteopathic diagnosis and treatment, 782*
—Karni, Zvi, Retzlaff, Ernest: Mechanoelectrically recorded physiological patterns which relate to subjectively reported craniosacral mechanism phenomena, 297-RES
—See Karni, Zvi, jt. author
—See Retzlaff, Ernest W., jt. author
Urbanc, Bruce C.: See Bond, Guy H., jt. author
—See Zepp, E.A., jt. author
Van Horn, C.: See Luckenbill-Edds, L., jt. author
Vigorito, Thomas F.: Medical neurosciences: An approach to anatomy, pathology, and physiology by systems and levels, 691-BR
Vredevoogd, J.: See Retzlaff, Ernest W., jt. author
Wade, Twila: See Kaman, Robert L., jt. author
Walker, Foster, Wilson, Charlie, III, and Kaman, Robert L.: The effects of EDTA chelatin therapy on plaque composition and serum lipoproteins in atherosclerotic rabbits, 144-RES
Watson, Dennis R.: Copper metabolism: Report of a case of Wilson's disease, 588*
Wcislo, W.J.: Textbook of nuclear medicine: Basic science, 843-BR
Wells, James P.: Evaluation of locomotor and postural biomechanics: A holistic approach, 447-RES
Wenig, Paul E.: Connective tissue diseases, 315-BR
Wharton, Charles H.: See Klimek, Edward M., jt. author
Wiersma, Jay A.: A manual of orthopaedic terminology, 69-BR
Williams, Harvey E.: See Superfon, Neil P., jt. author
Williams, Marshall V., and Cheng, Yung-Chi: The growth-promoting activity of the synthetic peptide glycyl-L-histidyl-L-lysine for human KB cells, 446-RES
Willingham, Allan K., and Martin, Suzanne L.: Effect of cytosolic protein on prothrombin synthesis and vitamin K epoxidase activity in vitro, 446-RES
—and Martin, Suzanne L.: Vitamin K-dependent carboxylation of a specific precursor of prothrombin, 900-RES
Wilson, Charlie, III: See Walker, Foster, jt. author
Wilson, Richard A.: See Johnson, Noel T., jt. author
Wolf, David L.: Trends in the use of cesarean section: Review of 15 years' experience, 624*
Wolfson, Paul M., and Haspel, Lawrence W.:

The cardiovascular specialty issue: A large step forward, 694-E
—See Litchfield, Robert, jt. author
Woll, Laurie M.: See Superfon, Neil P., jt. author
Wood, John P.: Laminectomy: Is it worth it?, 671-SA
Wood, William B.: See Elko, Edward E., jt. author
Woolard, M.R.: See De Bias, D.A., jt. author
Wooldridge, Brad: See Sinclair, Richard J., jt. author
Wynne, J. Brendan: Lumbar spondylosis: Diagnosis, management and surgical treatment, 391-BR
Yannarell, Anthony: Age-related alterations in poly (A) metabolism in rat liver, 296-RES
Young, Galen S.: See Friedman, M.H.F., jt. author
Young, Ronald B.: In vitro development of skeletal muscle satellite cells*, 379-RES
—Phillips, Teresa A.: Developmental characteristics of myogenic cells prepared from dystrophic human skeletal muscle, 295-RES
—See Dombroske, Olan C., jt. author
Zagoren, Allen J.: See Komansky, Henry J., jt author
Zepp, E.A., Urbanc, B.C., and Cenedella, R.J.: Studies on the mechanism of cancer-induced lipolysis, 232-RES

Subject index

This index includes subject entries for all original articles identified by an asterisk (*), editorials identified by the letter "E," research abstracts and papers identified by the letters "RES," clinical notes by the letters "CN," and letters by the letter "L." The JAOA ALMANAC, issued as a separate JAOA supplement, was published in April 1978. Material from the Almanac is identified by the letters "Al."

Editorials are also listed alphabetically by title under the heading EDITORIALS. Under the heading, RESEARCH, OSTEOPATHIC, are listed, alphabetically by author, papers and abstracts from the 1978 Research Conference.

Entries for the contents of medi-notes are listed under MEDI-NOTES, then by month and page.

The headings, AUDIO EDUCATIONAL SERVICE and THE LAST WORD, include titles of the articles in these regular JAOA sections.

Entries for book reviews and book notices (identified by "R" and "N") follow all other entries under the letter "B."

A

ACADEMY OF OSTEOPATHIC DIRECTORS OF MEDICAL EDUCATION
organization and officers, 40-AL
ACETAMINOPHEN
histamine and acetaminophen—a reader's "untoward" reaction, [Barsky], 163-L
ADENOCARCINOMA
See Cancer
ADENOSINETRIPHOSPHATASE
regulation of membrane-transport ATPase activity by trace amounts of vanadium, [Bond, Urbanc, and Hudgins], 835-RES
ADVERTISING MEDICAL
maybe we should advertise, 470-E
ADVISORY BOARD FOR OSTEOPATHIC SPECIALISTS
organization and officers, 62-AL
ALCOHOL
fetal alcohol syndrome—physical and intellectual manifestations; comparison of two cases, [Miceli, Marsh, and Jarrett], 116*
ALCOHOLISM
alcoholism's price tag; $43 billion, 396-E
osteonecrosis of the femoral head as related to alcoholism, [Estrine], 637*
ALLERGY
histamine and acetaminophen—a reader's "untoward" reaction, [Barsky], 163-L
ALOPECIA
congenital, hair transplantation for, [Puig and Haenschen], 432*
ALUMNI ASSOCIATIONS
information on, 97-AL
AMERICAN ACADEMY OF OSTEOPATHY
organization and officers, 33-AL
AMERICAN ASSOCIATION OF COLLEGE OF OSTEOPATHIC MEDICINE
organization and officers, 40-AL
AMERICAN ASSOCIATION OF OSTEOPATHIC EXAMINERS
organization and officers, 40-AL
AMERICAN COLLEGE OF GENERAL PRACTITIONERS IN OSTEOPATHIC MEDICINE AND SURGERY
organization and officers, 33-AL
AMERICAN COLLEGE OF NEUROPSYCHIATRISTS
organization and officers, 33-AL
AMERICAN COLLEGE OF OSTEOPATHIC HOSPITAL ADMINISTRATORS
organization and officers, 41-AL
AMERICAN COLLEGE OF OSTEOPATHIC INTERNISTS
organization and officers, 34-AL
AMERICAN COLLEGE OF OSTEOPATHIC OBSTETRICIANS AND GYNECOLOGISTS
organization and officers, 34-AL
AMERICAN COLLEGE OF OSTEOPATHIC PEDIATRICIANS
organization and officers, 34-AL
AMERICAN COLLEGE OF OSTEOPATHIC SURGEONS
organization and officers, 36-AL
AMERICAN MEDICAL ASSOCIATION
a study of power (regarding article by Blackstone—"The AMA and the Osteopaths: A Study of the power of Organized Medicine,"), 94-E
AMERICAN OSTEOPATHIC ACADEMY OF ORTHOPEDICS
organization and officers, 36-AL
AMERICAN OSTEOPATHIC ACADEMY OF SCLEROTHERAPY, INC.
organization and officers, 36-AL
AMERICAN OSTEOPATHIC ACADEMY OF SPORTS MEDICINE
organization and officers, 36-AL
AMERICAN OSTEOPATHIC ASSOCIATION
affiliated societies, 33-AL
basic documents, 16-AL
bylaws, 16-AL
code of ethics, 23-AL
constitution, 16-AL
divisional societies, 26-AL
history; dates, events, and people, 9-AL
importance of conventions, 175-E
long-term investment (osteopathic seal campaign), 174-E
matter of degrees, 547-E
mighty challenge (task force on graduate osteopathic medical education), 619-E
organization, 5-AL
presidential acceptance address, [Siehl], 101*
profession goes Hawaiian, 252-E
programs supported through The AOA Bureau of Research, 138-AL
proposed amendments to the constitution and bylaws of the American Osteopathic Association, 623
AMERICAN OSTEOPATHIC BOARD OF ANESTHESIOLOGY
officers, definition of specialty practice, and requirements for certification, 63-AL
AMERICAN OSTEOPATHIC BOARD OF DERMATOLOGY
officers, definition of specialty practice, and requirements for certification, 65-AL
AMERICAN OSTEOPATHIC BOARD OF FELLOWSHIP OF THE AMERICAN ACADEMY OF OSTEOPATHY
officers, definition of specialty practice, and requirements for certification, 63-AL
AMERICAN OSTEOPATHIC BOARD OF GENERAL PRACTICE
officers, definition of specialty practice, and requirements for certification, 66-AL
AMERICAN OSTEOPATHIC BOARD OF INTERNAL MEDICINE
officers, definition of specialty practice, and requirements for certification, 66-AL
AMERICAN OSTEOPATHIC BOARD OF NEUROLOGY AND PSYCHIATRY
officers, definition of specialty practice, and requirements for certification, 67-AL
AMERICAN OSTEOPATHIC BOARD OF NUCLEAR MEDICINE
officers, definition of specialty practice, and requirements for certification, 69-AL
AMERICAN OSTEOPATHIC BOARD OF OBSTETRICS AND GYNECOLOGY
officers, definition of specialty practice, and requirements for certification, 70-AL
AMERICAN OSTEOPATHIC BOARD OF OPHTHALMOLOGY AND OTORHINOLARYNGOLOGY
officers, definition of specialty practice, and requirements for certification, 72-AL
AMERICAN OSTEOPATHIC BOARD OF ORTHOPEDIC SURGERY
name of chairman, 73-AL
AMERICAN OSTEOPATHIC BOARD OF PATHOLOGY
officers, definition of specialty practice, and requirements for certification, 73-AL
AMERICAN OSTEOPATHIC BOARD OF PEDIATRICS
officers, definition of specialty practice, and requirements for certification, 75-AL
AMERICAN OSTEOPATHIC BOARD OF PROCTOLOGY
officers, definition of specialty practice, and requirements for certification, 76-AL
AMERICAN OSTEOPATHIC BOARD OF RADIOLOGY
officers, definition of specialty practice, and requirements for certification, 77-AL
AMERICAN OSTEOPATHIC BOARD OF REHABILITATION MEDICINE
officers, definition of specialty practice, and requirements for certification, 78-AL
AMERICAN OSTEOPATHIC BOARD OF SURGERY
officers, definition of specialty practice, and requirements for certification, 79-AL
AMERICAN OSTEOPATHIC COLLEGE OF ALLERGY AND IMMUNOLOGY
organization and officers, 36-AL
AMERICAN OSTEOPATHIC COLLEGE OF ANESTHESIOLOGISTS
organization and officers, 37-AL
AMERICAN OSTEOPATHIC COLLEGE OF DERMATOLOGY
organization and officers, 37-AL
AMERICAN OSTEOPATHIC COLLEGE OF PATHOLOGISTS
organization and officers, 37-AL
AMERICAN OSTEOPATHIC COLLEGE OF PROCTOLOGY, INC.
organization and officers, 37-AL
AMERICAN OSTEOPATHIC COLLEGE OF RADIOLOGY
organization and officers, 38-AL
AMERICAN OSTEOPATHIC COLLEGE OF REHABILITATION MEDICINE
organization and officers, 38-AL
AMERICAN OSTEOPATHIC COLLEGE OF RHEUMATOLOGY
organization and officers, 38-AL
AMERICAN OSTEOPATHIC FOUNDATION
organization and officers, 43-AL
AMERICAN OSTEOPATHIC GOLF ASSOCIATION

organization and officers, 41-AL
AMERICAN OSTEOPATHIC HOSPITAL ASSOCIATION
organization and officers, 41-AL
AMILORIDE
stimulation of bicarbonate reabsorption by the diuretic drug, amiloride, [Ehrenspeck, Durham, and Brodsky], 904-RES
AMNIOTIC FLUID
relationship between meconium-stained amniotic fluid and changes in fetal heart rate, [Mansi], 475*
ANDREW TAYLOR STILL OSTEOPATHIC FOUNDATION AND RESEARCH INSTITUTE
organization and officers, 42-AL
ANGINA
crescendo, surgical experience, [Garland, McCaw, and Kreamer], 29*
pectoris, surgical treatment of, [Coleman], 727*
ANKLE
surgical treatment of third-degree lateral ankle ligament ruptures to ensure stability, [Emerson], 273*
ANKYLOSING SPONDYLITIS
cardiovascular manifestations of, [Burnstein, Weinstein, Miota, and Melnicoff], 723*
ANOSCOPE
intraumbilical postpartum tubal ligation using an anoscope, [Lee], 505*
ANTIGEN
histocompatibility antigens and rheumatic diseases, [Calabrese, Clough, and Braun], 192*
initial studies into protective effect of passive immunization by enterobacterial common antigen, [Measel, Jr.], 233-RES
ARRHYTHMIAS
cardiac drugs for, assessment of new concepts concerning therapy of cardiac arrhythmias, [Kleiber and Schwinghamer], 744*
paroxysmal supraventricular tachycardia, [Rogers], 733*
ARTHROPATHIES
seronegative, histocompatibility antigens and rheumatic diseases, [Calabrese, Clough, and Braun], 192*
ARTHROPLASTY
proximal femoral replacement total hip arthroplasty, [Roose], 666*
total wrist arthroplasty (Meuli) for treatment of advanced rheumatoid arthritis, [Taylor], 267*
ARYL HYDROCARBON HYDROXYLASE
in lung cancer patients; potential diagnostic tool, [Cantrell, Mc Lemore, Martin, and Busbee], 146-RES
ARTERIES
surgical treatment of severe coronary artery disease with critical stenosis of the left main coronary artery, [Kleiber, Gonzalez-Lavin, and Blair], 865*
ASBESTOS
asbestos alert, 16-E
ASSOCIATION OF OSTEOPATHIC STATE EXECUTIVE DIRECTORS
organization and officers, 41-AL
AUXILIARY TO THE AMERICAN OSTEOPATHIC ASSOCIATION
organization and officers, 41-AL

B

BACILLUS SUBTILIS
specific pair formation in the Bacillus subtilis transformation system, [Heard], 837-RES
BEHAVIOR
child; childhood, a time of turbulence, growth, and diagnostic challenge, [Humphrey II], 54*
effect of operant behavior on the metabolism of 5-hydroxy-tryptamine, [Shepard and Emmett-Oglesby], 234-RES
BLADDER
neurogenic, of non-neurogenic origin; report of case, [Stiles], 199*
urinary, the effects of guanethidine on adrenergic and purinergic inhibition of the urinary bladder of the cat, [Theobald], 901-RES
BLANCHARD OBESITY AND NUTRITIONAL INDEX
Blanchard obesity and nutritional index (BONI),* [Blanchard], 294-RES
BONE
giant-cell tumor of, (osteoclastoma): report of case, [Naftulin], 822*
BRONCHUS
fibroleiomyoma of; report of case, [Hecker], 876*
BYLAWS
See American Osteopathic Association

BOOKS

(All books listed in the Book Section are listed below, alphabetically, by authors under subject classifications. "R" indicates a review; "N" indicates a shorter book notice.)

Allergy

Middleton, Elliott, Jr., et al., eds.: Allergy: Principles and practice, 464-R
Nelson, Theodore A, and Mattoon, Stanley W.: Allergy today, 455-N
Speer, Frederic: Food allergy, 70-N

Anatomy

Anderson, James E.: Grant's Atlas of anatomy, 680-N
Carpenter, Malcolm B.: Core text of neuroanatomy, 158 N
Chewning, Emily Blair: Anatomy illustrated, 907-N
Christensen, John B., and Telford, Ira R.: Synopsis of gross anatomy: With clinical correlations, 158-N
Crouch, James E.: Functional human anatomy, 71-N
Keats, Theodore E., and Smith, Thomas H.: An atlas of normal development roentgen anatomy, 690-R
McMinn, R.M.H., and Hutchings, R.T.: Color atlas of human anatomy, 13-R
Snell, Richard S.: Atlas of clinical anatomy, 71-N
Gross anatomy dissector. A companion for Atlas of clinical anatomy, 71-N

Anesthesia

Eckenhoff, James, E., et al., eds.: The year book of anesthesia 1978, 546-R
Lebowitz, Philip W., ed.: Clinical anesthesia procedures of the Massachusetts General Hospital, 71-N
Snow, John C., ed.: Manual of anesthesia, 301-R

Behavior

Benson, Herbert: The mind/body effect: How behavioral medicine can show you the way to better health, 606-N
Hankoff, L.D., and Einsidler, Bernice, eds.: Suicide: Theory and clinical aspects, 845-N
Kiev, Ari: The courage to live, 845-N

Biochemistry

Bhagavan, N.V.: Biochemistry, 374-N
Bold, A.M., and Wilding, P.: Clinical chemistry companion, 454-N
Ciba Foundation symposium 57 (new series): Phosphorus in the environment: Its chemistry and biochemistry, 236-N
Ciba Foundation symposium 60 (new series): Molecular interactions and activity in proteins, 907-N

Bioethics

Bayles, Michael D., and High, Dallas M., eds.: Medical treatment of the dying: Moral issues, 759-N

Cancer

Cassileth, Barrie R., ed.: The cancer patient: Social and medical aspects of care, 845-N
Murphy, Gerald, ed.: Prostatic cancer, 759-N

Cardiovascular system

Armstrong, Michael L.: Electrocardiograms: A systematic method of reading them, 235-N
Bergan, John J., and Yao, James S.T.: Venous problems, 70-N
Berne, Robert M., and Levy, Matthew N.: Cardiovascular physiology, 247-R
Botvinick, Elias H., and Shames, David M.: Nuclear cardiology: Clinical applications, 759-N
Bradley, Ronald D.: Studies in acute heart failure, 158-N
Caro, C.G., et al.: The mechanics of circulation, 69-N
Chung, Edward K., ed.: Quick reference to cardiovascular diseases, 173-R
Doby, T.: Development of angiography and cardiovascular catheterization, 68-R
Fishman, Alfred P., ed.: Heart failure, 530-N
Goldman, Mervin J.: Principles of clinical electrocardiography, 680-N
Gøtzsche, Henning: Electrocardiographic atlas, 91-R
Hansen, Tybjaerg, et al., eds.: Ischaemic heart disease: The strategy of postponement, 70-N
Harvey, Proctor, et al., ed.: The year book of cardiology, 690-R
Hobbs, John T., ed.: The treatment of venous disorders, 248-R
Kaplan, Norman M.: Clinical hypertension, 235-N
Sokolow, Maurice, and McIlroy, Malcolm B.: Clinical cardiology, 544-R
Spodick, David H., ed.: Pericardial diseases, 13-R
Tavel, Morton E.: Clinical phonocardiography and external pulse recording, 374-N
Timmis, Gerald C., ed.: Cardiovascular review, 679-N
Yu, Paul N., and Goodwin, John F., eds.: Progress in cardiology vol. 6, 15-R
Yu, Paul N., and Goodwin, John F., eds.: progress in cardiology vol. 7, 691-R
Wellens, H.J.J., et al., eds.: The conductive system of the heart: Structure, function and clinical implications, 313-R

Dermatology

Ackerman, A. Bernard: Histologic diagnosis of inflammatory skin diseases: A method by pattern analysis, 374-N
Behrman, Howard T., et al.: Common skin diseases: Diagnosis and treatment, 158-N
Helm, Frederick, ed.: Cancer dermatology, 453-N
Orkin, Milton, et al., eds.: Scabies and pediculosis, 170-R
Robinson, Harry M., Jr., and Burnett, Joseph W.: Dictionary of dermatologic therapy, 454-N
Sheard, Charles: Treatment of skin diseases: A manual, 529-N

Diagnostics and therapeutics

Basmajian, John V., ed.: Therapeutic exercise, 236-N
Chatton, Milton J., ed.: Handbook of medical treatment, 908-N
Conn, Howard F., ed.: Current therapy 1979, 680-N
Galton, Lawrence: The complete book of symptoms and what they can mean, 158-N
Goldman, Bert Arthur, and Busch, John Christian: Directory of unpublished experimental mental measures, 70-N
Krupp, Marcus A., et al.: Current medical diagnosis and treatment 1979, 453-N
Lewis, J.G.: Therapeutics, 71-N
Robert's Handbook of normal clinical values, 159-N
Rosenfield, Arthur T., Glickman, Morton G.,

and Hodson, John, eds.: Diagnostic imaging in renal disease, 838-N
Srikantaswamy, Siddalingappa, Segal, Lewis Irwin, and Chandramouli, Siddalingappa: Percutaneous angiography, 773-R

Education

Davis, Larry Nolan: Planning, conducting, and evaluating workshops, 455-N
Dwyer, Francis M.: A guide for improving visualized instruction, 454-N
Strategies for improving visual learning: A handbook for the effective selection, design, and use of visualized materials, 454-N
Hubbard, John P.: Measuring medical education: The tests and the experience of the National Board of Medical Examiners, 70-N
McCallon, Earl: Workshop evaluation system, 455-N

Emergency medicine

Ciancutti, Arthur R.: Emergency care handbook: How to deal with people in emergencies, 302-N
Jones, E. Sherwood: Essential intensive care, 312-R
Klippel, Allen P., and Anderson, Charles B., eds.: Manual of emergency and outpatient techniques, Washington University Department of Surgery, 679-N
Oaks, William W., et al., eds.: Critical care, 375-N
Page, James O.: Emergency medical services, 302-N
Smith, Bradley, and Stevens, Gus: The emergency book: You can save a life!, 455-N
Weil, Max Harry, and Henning, Robert J., eds.: The handbook of critical care medicine, 839-N

Endocrinology

Alsever, Robert N., and Gotlin, Ronald W.: Handbook of endocrine tests in adults and children, 530-N
Ezrin, Calvin, et al., eds.: Clinical endocrinology: A survey of current practice, 91-R
Fletcher, Ronald F.: Lecture notes on endocrinology, 454-N
Givens, James R., ed.: Endocrine causes of menstrual disorders, 235-N
Gynecologic endocrinology, 12-R
Jubiz, William: Endocrinology: A logical approach for clinicians, 530-N
Krall, Leo P., ed.: Joslin Diabetes manual, 236-N
Schwartz, Theodore B., and Ryan, Will G., eds.: The yearbook of endocrinology 1978, 302-N
Speroff, Leon, et al.: Clinical gynecologic endocrinology and infertility, 545-R
Werner, Sidney C., and Ingbar, Sidney H., eds.: The thyroid: A fundamental and clinical text, 313-R

Gastrointestinal system

Berk, J. Edward, ed.: Developments in digestive diseases, 605-N
Harley, H.R.S.: Achalasia of the cardia, 235-N
Null, Gary, and Null, Steve: Why your stomach hurts: A handbook of digestion and nutrition, 681-N
Nyhus, Lloyd M., and Condon, Robert E., eds.: Hernia, 453-N
Painter, Neil S.: Diverticular disease of the colon: A new solution to one of the great deficiency diseases of Western civilization, 301-N
Rothschild, Marcus A., ed.: Abdominal organ imaging, 758-N
Salter, R.H.: Common gastroenterological problems, 70-N
Silen, William: Cope's Early diagnosis of the acute abdomen, 605-N
Wolf, Stewart, ed.: Abdominal diagnosis, 758-N

Genetics

Goodman, Richard M., and Gorlin, Robert J.: Atlas of the face in genetic disorders, 69-R

General medicine

Bhardwaj, V. Bushan, and Yen, Ernest Yuh-Ting: Medical examinations: A preparation guide, 759-N
Clinical symposia 1977 annual, 71-N
Daniel, William A., Jr.: Adolescents in health and disease, 246-R
Diamond, Seymour, and Dalessio, Donald J.: The practicing physician's approach to headache, 159-N
Krupp, Marcus A., et al.: Physician's handbook, 530-N
Kruzas, Anthony T., ed.: Medical and health information directory, 455-N
Lewis, Howard P.: The history and the physical examination, 453-N
Rakel, Robert E., ed.: Family practice, 453-N
et al., eds.: The yearbook of family practice 1978, 773-R
Read, Alan E., et al., eds.: Modern medicine: A concise textbook for students and practitioners, 155-R
Rogers, David E.: American medicine: Challenges for the 1980's, 375-N
et al., eds.: The year book of medicine 1978, 375-N
Rubenstein, David, and Wayne, David: Multiple choice questions on lecture notes on clinical medicine, 236-N
Steen, Edward B.: Abbreviations in medicine, 454-N
Strain, James J.: Psychological interventions in medical practice, 606-N
Taylor, Robert B., ed.: Family medicine: Principles and practice, 391-R
Walker, H. Kenneth, et al., eds.: Clinical methods: The history, physical and laboratory examinations, 375-N
Wilkins, Robert W., and Levinsky, Norman G., eds.: Medicine: Essentials of clinical practice, 451-R

Geriatrics

Brickner, Philip W.: Home health care for the aged: How to help older people stay in their own homes and out of institutions, 70-N
Herzog, Barbara Rieman, ed.: Aging and income: Programs and prospects for the elderly, 236-N
Klinger, Judith Lannefeld: Mealtime manual for people with disabilities and the aging, 71-N
Reichel, William, ed.: Clinical aspects of aging, 680-N
Weitzen, Hyman G.: The retirement daybook, 375-N

Health care

Ciba Foundation symposium 59 (new series): Major mental handicap: methods and costs of prevention, 454-N
Health Care Facilities Subcommittee of the Institutions Committee of the Illuminating Engineering Society of North America: Lighting for health care facilities, 455-N
MacStravic, Robin E.: Determining health needs, 235-N
Owen, Anita Yanochik: Community nutrition in preventive health care services: A critical review of the literature, 376-N
Plovnick, Mark S., et al.: Managing health care delivery: A training program for primary care physicians, 376-N
Sellers, Barney, ed.: Antitrust and health services: A second look, 838-N
Warner, D. Michael, and Holloway, Don C.: Decision making and control for health administration: The management of quantitative analysis, 236-N
Williamson, John W.: Assessing and improving health care outcomes: The health accounting approach to quality assurance, 455-N

Hematology

Lichtman, Marshall A., ed.: Hematology for practitioners, 453-N
Platt, William R.: Color atlas and textbook of hematology, 529-N

Histology

Borysenko, Myrin, et al.: Functional histology: A core text, 680-N
Koss, Leopold G., ed.: Diagnostic cytology and its histopathologic bases, 907-N
Reith, Edward J., and Ross, Michael H.: Atlas of descriptive histology, 14-R

Hospitals

Bennett, John V. and Brachman, Philip S., eds.: Hospital infections, 758-N
Southwick, Arthur F.: The law of hospital and health care administration, 236-N

Internal medicine

Spivak, Jerry L., and Barnes, H. Verdain: Manual of clinical problems in internal medicine. Annotated with key references, 157-N
Stollerman, Gene H., et al., eds.: Advances in internal medicine, 173-R

Immunology

Bellanti, Joseph A.: Immunology II, 70-N
Fundenberg, H. Hugh, et al., eds.: Basic and clinical immunology, 616-R
Samter, Max, ed.: Immunological diseases, 453-N
Turk, J.L.: Immunology in clinical medicine, 70-N

Infectious diseases

Johnson, Eric W.: VD: Venereal disease and what you should do about it, 375-N
Ramsay, A. Melvin, and Emond, Ronald T.D.: Infectious diseases, 70-N

Kinesiology

Rasch, Philip J., and Burke, Roger K.: Kinesiology and applied anatomy: The science of human movement, 158-N

Laboratory medicine

Widmann, Frances K.: Clinical interpretation of laboratory tests, 605-N

Law and medicine

Guinther, John: The malpractitioners, 302-N
Law, Sylvia, and Polan, Steven: Pain and profit: The politics of malpractice, 302-N
Ramsey, Paul: Ethics at the edges of life: Medical and legal intersections, 606-N

Manipulative therapy

Maitland, G.D.: Peripheral manipulation, 71-N
Vertebral manipulation, 71-N

Medical writing and terminology

Bermont, Herbert: The successful consultant's guide to authoring, publishing and lecturing, 681-N
King, Lester S.: Why not say it clearly: A guide to scientific writing, 376-N

Microbiology

Jawetz, Ernest, et al.: Review of medical microbiology, 70-N

Musculoskeletal and connective tissue disorders

Basmajian, J.V.: Muscles alive: Their functions revealed by electromyography, 453-N
Berson, Dvera, and Roy, Sander: Pain-free arthritis, 159-N
Bethlem, Jaap: Myopathies, 392-R
Ciba Foundation symposium 56 (new series): Cerebral vascular smooth muscle and its control, 158-N
Eisenberg, M.G., and Falconer, J.A., eds.: Treatment of the spinal cord injured: An inter-disciplinary perspective, 530-N

Feldman, Frieda, ed.: Radiology, pathology, and immunology of bones and joints: A review of current concepts, 376-N
Goodgold, Joseph, and Eberstein, Arthur: Electrodiagnosis of neuromuscular diseases, 449-R
Hughes, Graham R.V.: Connective tissue diseases, 315-R
Huskisson, E.C., and Hart, F. Dudley: Joint disease: All the arthropathies, 606-N
Kelsey, Jennifer L., et al.: Musculoskeletal disorders: Their frequency of occurrence and their impact on the population of the United States, 453-N
Miller, John J. III, ed.: Juvenile rheumatoid arthritis, 530-N
Moe, John H., et al.: Scoliosis and other spinal deformities, 71-N
Siegel, Irwin M.: The clinical management of muscle disease: A practical manual of diagnosis and treatment, 157-R
Swezy, Robert L.: Arthritis: Rational therapy and rehabilitation, 302-N
Weinstein, Philip R., et al.: Lumbar spondylosis: Diagnosis, management and surgical treatment, 391-R
White, Augustus A., III, and Panjabi, Manohar M.: Clinical biomechanics of the spine, 376-N

Neurology

Ashworth, Bryan, and Saunders, Michael: Management of neurological disorders, 70-N
Bowsher, David: Mechanisms of nervous disorder: An introduction, 70-N
Chusid, Joseph G.: Correlative neuroanatomy and functional neurology, 759-N
Cowan, W. Maxwell, et al., eds.: Annual review of neuroscience, 70-N
Daube, Jasper R., et al.: Medical neurosciences: An approach to anatomy, pathology, and physiology by systems and levels, 691-R
DHEW publication no. (NIH) 78-1501: Report: Commission for the control of Huntington's disease and its consequences. Volume 1-Overview, 235-N
Ganong, William F.: The nervous system, 13-R
Gillingham, F.J., ed.: Stroke, 155-R
Hoppenfield, Stanley: Orthopaedic neurology: A diagnostic guide to neurologic levels, 314-R
Kopell, Harvey P., and Thompson, W.A.L.: Peripheral entrapment neuropathies, 11-R
Liveson, Jay Allan, and Spielholz, Neil Irwin: Peripheral neurology: Case studies in electrodiagnosis, 908-N
Samuels, Martin A., ed.: Manual of neurologic therapeutics with essentials of diagnosis, 773-R
Weiner, Howard L., and Levitt, Lawrence P.: Neurology for the house officer, 679-N

Nuclear medicine

Rocha, Antonio Fernando Gonçalves, and Harbert, John Charles, eds.: Textbook of nuclear medicine: Basic science, 843-R
Textbook of nuclear medicine: Clinical applications, 907-N

Nursing

Kolodny, Robert C., et al.: Textbook of human sexuality for nurses, 759-N
Millman, Michael L.: Nursing personnel and the changing health care system, 71-N

Nutrition and metabolism

Barnes, Broda O., and Barnes, Charlotte W.: Hope for hypoglycemia: It's not your mind, it's your liver, 845-N
Carroll, Hugh J., and Oh, Man S.: Water, electrolyte, and acid-base metabolism: Diagnosis and management, 455-N
Halpern, Seymour L., ed.: Quick reference to clinical nutrition: A guide for physicians, 530-N
Nordin, B.E.C., ed.: Calcium, phosphate and magnesium metabolism: Clinical physiology and diagnostic procedures, 67-R
Reuben, David: Everything you always wanted to know about nutrition, 302-N
Schneider, Carl E., et al., eds.: Nutritional support of medical practice, 466-R
Wilmore, Douglas W.: The metabolic management of the critically ill, 776-R

Obstetrics and gynecology

Bensen, Ralph C., et al.: Current obstetric and gynecologic diagnosis and treatment, 158-N
Kaufman, Sherwin A.: You can have a baby: New hope for the childless, including the facts about test tube births and other new techniques, 679-R
Kreutner, A. Karen Kessler, and Hollingsworth, Dorothy Reycroft: Adolescent obstetrics and gynecology, 71-N
Mattingly, Richard F., ed.: Te Linde's Operative gynecology, 315-R
Mishell, Daniel R., Jr., and Davajan, Val, eds.: Reproductive endocrinology, infertility and contraception, 845-N
Montagu, M.F. Ashley: The reproductive development of the female: A study in the comparative physiology of the adolescent organism, 759-N
Wynn, Ralph M.: Obstetrics and gynecology: The clinical core, 838-N

Of general interest

Academy of Traditional Chinese Medicine: An outline of Chinese acupuncture, 71-N
Ahuja, Savitri: Savitri's Way to perfect fitness through hatha yoga, 845-N
Altman, Nathaniel: Effective public speaking, 71-N
Alvarez, Walter Clement: Alvarez on Alvarez, 371-R
American Board of Medical Specialties: Directory of certified psychiatrists and neurologists, 845-N
Anderson, Robert A.: Stress power! How to turn tension into energy, 236-N
Ardell, Donald B.: High level wellness: An alternative to doctors, drugs, and disease, 680-N
Bauman, Edward, et al.: The holistic health handbook: A tool for attaining wholeness of body, mind, and spirit, 375-N
Benford, Robert J.: The heritage of aviation medicine: An annotated directory of early artifacts, 839-N
Benowicz, Robert J.: Vitamins and you, 845-N
Blanda, George: Over forty. Feeling great and looking good!, 71-N
Bloomfield, Harold H., and Kory, Robert B. The holistic way to health and happiness: A new approach to complete lifetime wellness, 158-N
Boutelle, Jane, and Baker, Samm Sinclair: Jane Boutelle's lifetime fitness for women, 71-N
Brenton, Myron: How to survive your child's rebellious teens: New solutions for troubled parents, 680-N
Chitrabhanu, Gurudev Shree: The psychology of enlightenment: Meditations on the seven energy centers, 839-N
Clark, Linda: How to improve your health: The wholistic approach, 681-N
Cohen, Matthew M.: Instructions for parents, 907-N
Cooper, J.T., and Hagan, Paul: Dr. Cooper's Fabulous fructose diet, 606-N
Dox, Ida, et al.: Melloni's Illustrated medical dictionary, 680-N
Doyle, Rodger: The vegetarian handbook: A guide to vegetarian nutrition and foods, 839-N
Engle, Eloise, and Lott, Arnold S.: Man in flight: Biomedical achievements in aerospace, 605-N
Fahey, Thomas D.: The good-time fitness book, 376-N
What to do about athletic injuries, 681-N
Frank, Dorothy C.: Cooking with nuts, 907-N
Friedmann, Lawrence W., and Galton, Lawrence: Freedom from backaches, 759-N
Galton, Lawrence: The complete medical, fitness and health guide for men, 681-N
Gould, Elaine, and Gould, Loren: Arts and crafts for physically and mentally disabled: The how, what and why of it, 375-N
Hittleman, Richard: Richard Hittleman's guide for the seeker, 71-N
Hogg, John A., and Stucki, Jacob C., eds.: Patterns for progress from the sciences to medicine, 235-N
Honig, Albert M.: China Today: Sin or virtue? 159-N
Jesse, John: Hidden causes of injury, prevention and correction, for running athletes and joggers, 247-R
Kenyon, Keith: Pressure points: Do-it-yourself acupuncture without needles, 155-R
Kezdi, Paul: You and your heart: How to take care of your heart for a long and healthy life, 375-N
Kiester, Edwin, Jr., and Kiester, Sally Valente: Better Homes and Gardens New baby book, 681-N
Kuntzleman, Charles T.: The complete book of walking, 606-N
La-Patra, Jack: Healing: The coming revolution in holistic medicine, 159-N
Learn Inc.: Speed learning, 376-N
Levine, Lois: Vegetable favorites, 907-N
Lipp, Martin R.: Respectful treatment: The human side of medical care, 70-N
Macfadden, Bernard: Fasting for health, 375-N
Marchfield, Rudolph L.: How to stay alive and healthy with diabetes and how to avoid getting it!, 907-N
Margaria, Rodolfo: Biomechanics and energetics of muscular exercise, 11-R
Marks, Isaac M.: Living with fear: Understanding and coping with anxiety, 454-N
Meeker, Julian: You can run away from it!, 71-N
Mollen, Art: Run for your life, 302-N
Moody, Raymond A., Jr.: Laugh after laugh: The healing power of humor, 375-N
Mossfeldt, Folke, and Miller, Mary Susan: SAS in-the-chair exercise book, 759-N
Naylor, Barbara: The basic ingredient: The becomer's balanced diet and complete weight loss program, 376-N
Norfolk, Donald: The stress factor, 606-N
Olgin, Howard A.: The doctor game: A novel, 71-N
Oyle, Irving: The new American medicine show: Discovering the healing connection, 680-N
Pearson, Sam, and Alter, Judy: Single again! Sam's book of bachelor survival, 375-N
Pinto, Cesar Mishaan: Acupuncture. Science or charlatanism?, 71-N
Roth, Oscar: Heart attack! A question and answer book, 71-N
Saper, Joel R., and Magee, Kenneth R.: Freedom from headaches: A personal guide for understanding and treating headache, face, and neck pain, 454-N
Shephard, Roy J.: The fit athlete, 70-N
Sobel, David S., ed.: Ways of health: Holistic approaches to ancient and contemporary medicine, 759-N
Vogh, James: The cosmic factor: Bioastrology and you, 845-N
Walker, Joan, and Walker, Morton: Help your mate lose weight, 71-N
Walker, Morton, Yoffe, Bernice, and Gray, Parke H.: The complete book of birth: From Grantly Dick-Read to Leboyer—a guide for expectant parents to all methods of birth, 845-N
Weekes, Claire: Hope and help for your nerves, 71-N
Wels, Byron G: The medicine cabinet, 71-N
Winn, Marie: The plug-in drug: Television, children, and the family, 71-N
Zane, Frank, and Zane, Christine: The Zane way to a beautiful body through weight training for men and women, 606-N

Ophthalmology

Glaser, Joel S.: Neuro-ophthalmology, 466-R

Hughes, William F., ed.: The year book of ophthalmology 1978, 374-N
Kupfer, Carl, and Kaiser-Kupfer, Muriel: Differential diagnosis: Disorders of the eye and visual system, 376-N
Rose, F. Clifford: Medical ophthalmology, 528-R
Walsh, Thomas J.: Neuro-ophthalmology: Clinical signs and symptoms, 235-N

Orthopedics

Adams, John Crawford: Outline of fractures, including joint injuries, 71-N
Aegerter, Ernest, and Kirkpatrick, John A., Jr.: Orthopedic diseases: Physiology, pathology, radiology, 302-N
Albright, James A., and Brand, Richard A., eds.: The scientific basis of orthopaedics, 680-N
Ariyan, Stephan: The hand book, 775-R
Bateman, James E., ed.: Foot science, 302-N
The shoulder and neck, 235-N
Blauvelt, Carolyn Taliaferro, and Nelson, Fred R.T.: A manual of orthopaedic terminology, 69-R
Brashear, H. Robert, Jr., and Raney, R. Beverly, Sr.: Shand's Handbook of orthopaedic surgery, 302-N
Brooker, Andrew F., Jr., and Edwards, Charles C.: External fixation: The current state of the art, 605-N
Coventry, Mark B., ed.: The year book of orthopedics and traumatic surgery 1978, 606-N
Flatt, Adrian E.: The care of congenital hand anomalies, 298-R
Ghista, D.N., and Roaf, R., eds.: Orthopaedic mechanics: Procedures and devices, 453-N
Johnson, Lanny L.: Comprehensive arthroscopic examination of the knee, 312-R
Post, Melvin, ed.: The shoulder: Surgical and nonsurgical management, 301-N
Ramamurti, Chinni Pennathur: Orthopaedics in primary care, 839-N
Sandzen, Jr., Sigurd: Atlas of wrist and hand fractures, 759-N
Turek, Samuel L.: Orthopaedics: Principles and their application, 90-R

Osteopathic medicine

National Osteopathic Institute: The selected writings of Beryl E. Arbuckle, 907-N

Otorhinolaryngology

Ballantyne, John C., and Groves, John: A synopsis of otolaryngology, 680-N
Birrell, J.F., ed.: Logan Turner's diseases of the nose, throat and ear, 452-R
Paparella, Michael M., and Strong, M. Stuart, eds.: The year book of otolaryngology 1978, 530-N
Smyth, G.D.L.: Diagnostic E.N.T., 298-R

Pain control

Basmajiian, John V.: Biofeedback-Principles and practice for clinicians, 605-N

Pathology

Anderson, W.A.D., and Kissane, John M., eds.: Pathology, 90-R
Miller, Frank Nelson, Jr.: Peery and Miller's Pathology: A dynamic introduction to medicine and surgery, 235-N
Sommers, Sheldon C., and Rosen, Paul Peter, eds.: Pathology annual: Part 1 1978, 235-N
Symmers, W. St C., ed.: Systemic pathology, 774-R
Widmann, Frances K.: Pathobiology: How disease happens, 302-N

Pediatrics

Allen, John E., et al.: Practical points in pediatrics, 375-N
Barness, Lewis A., ed.: Advances in pediatrics, 530-N
Illingworth, Cynthia M.: The diagnosis and primary care of accidents and emergencies in children: A manual for the casualty officer and the family doctor, 158-N
Jaffe, Norman, ed.: Bone tumors in children, 908-N
Keith, John D., et al.: Heart disease in infancy and childhood, 157-N
Kinsbourne, Marcel, and Caplani, Paula J.: Children's learning and attention problems, 680-N
Lloyd-Roberts, G. C., and Ratliff, A. H. C.: Hip disorders in children, 158-N
Pascoe, Delmer J., and Grossman, Moses, eds.: Quick reference to pediatric emergencies, 453-N
Marks, Nancy C.: Cerebral palsied and learning disabled children, 449-R
Roberts, Kenneth B., ed.: Manual of clinical problems in pediatrics with annotated key references, 605-N
Schuberth, Kenneth C., and Zitelli, Basil J., eds.: The Harriet Lane handbook: A manual for pediatric house officers, 374-N
Valman, H.B.: Accident and emergency paediatrics, 93-R
Weinberg, Samuel, and Hoekelman, Robert A., eds.: Pediatric dermatology for the primary practitioner, 529-N

Perinatology

Zuspan, Frederick P., ed.: Current developments in perinatology: The fetus, placenta, and newborn, 450-R

Pharmacology

American Pharmaceutical Association: Evaluations of drug interactions, 71-N
Azarnoff, Daniel L., et al., eds.: The year book of drug therapy, 235-N
Hafen, Brent Q., and Peterson, Brenda: Medicines and drugs: Problems and risks, use and abuse, 375-N
Martin, Eric W.: Hazards of medication: A manual on drug interactions, contraindications, and adverse reactions with other prescribing and drug information, 374-N
McMillan, Donald E.: Central nervous system pharmacology: A self-instruction text, 680-N
Meyers, Frederick H., et al.: Review of medical pharmacology, 843-R
Thomas, Pauline: Pharmacology of the eye, 375-N
White, James A.: Pediatric psychopharmacology: A practical guide to clinical application, 680-N

Physiology

Brobeck, John R., ed.: Best and Taylor's Physiological basis of medical practice, 907-N
Ciba Foundation symposium 58 (new series); Functions of the septo-hippocampal system, 454-N
Ganong, William F.: Review of medical physiology, 845-N
West, John B.: Respiratory physiology—the essentials, 758-N

Poisons and poisoning

Loomis, Ted A.: Essentials of toxicology, 375-N
Schroeder, Henry A.: The poisons around us, 376-N

Practice management

Baliett, Gene: Getting started in private practice, 454-N
Kraytman, Maurice: The complete patient history, 680-N
Lang, Gerald S., and Dickie, Kenneth J.: The practice-oriented medical record, 70-N
Manning, Francis Foote, ed.: Medical group practice management, 170-R
How to close a medical practice, 454-N

Proctology

Holt, Robert Lawrence: Hemorrhoids: A cure and preventative, 70-N
Noll, Carlton M.: "Procto-Basics": A text of basic proctology, 466-R

Psychiatry

Enelow, Allen J.: Elements of psychotherapy, 157-R
Gentry, W. Doyle: Geropsychology: A model of training and clinical service, 300-R
Gray, Melvin: Neuroses: A comprehensive and critical view, 69-N
Riesen, Austin H., and Thompson, Richard F., eds: Advances in psychobiology, 375-N
Usdin, Gene, and Lewis, Jerry M., eds.: Psychiatry in general medical practice, 838-N

Public health

Collins, Marilyn C.: Child abuser. A study of child abusers in self-help group therapy, 71-N
Kovner, Anthony R., and Neuhauser, Duncan, eds.: Health services management: Readings and commentary, 235-N
Lanham, John M.: The making of a Medicare doctor, 70-N
Levin, Arthur, ed.: Health services: The local perspective, 545-R
National Council on Radiation Protection and Measurements: Instrumentation and monitoring methods for radiation protection, 838-N
Natural background radiation in the United States, 91-R
Operational radiation safety program, 838-N
Radiation protection for medical and allied health personnel, 235-R
Review of NCRP radiation dose limit for embryo and fetus in occupationally-exposed women, 372-R
Structural shielding design and evaluation for medical use of x-rays and gamma rays of energies up to 10 MeV, 246-R
Proctor, Nick H., and Hughes, James P.: Chemical hazards of the workplace, 616-R
Wilner, Daniel M., et al.: Introduction to public health, 71-N

Pulmonary medicine

Burton, George G., et al., eds.: Respiratory care: A guide to clinical practice, 71-N
Netter, Frank H., et al., eds.: Respiratory system, 679-N
Scarpelli, Emile M., et al., eds.: Pulmonary disease of the fetus, newborn, and child, 301-N
Shapiro, Barry A., et al.: Clinical application of blood gases, 156-R
Thurlbeck, William M., and Abell, Murray R., eds.: The lung: Structure, function and disease, 776-R
Weiss, Leonard, and Gilbert, Harvey A., eds.: Pulmonary metastasis, 758-N

Radiology

Christensen, Edward E., et al.: An introduction to the physics of diagnostic radiology, 235-N
Harris, John H., Jr.: The radiology of acute cervical spine trauma, 375-N
Laffey, Patricia Davison, et al.: Computerized tomography in clinical medicine: Incidence of visualized organic brain lesions in clinical practice and correlation of incidence of specific brain lesions with presenting symptoms and signs, 759-N
Takahasi, Mutsumasa: Atlas of carotid angiography, 617-R

Rehabilitation medicine

Cull, John G., and Hardy, Richard E., eds.: Considerations in rehabilitation facility development, 171-R
Griffin, James E., and Karselis, Terence C.: Physical agents for physical therapists, 71-N
Kennedy, Pat: The moving body, 838-N
Rusk, Howard A.: Rehabilitation medicine, 373-R
Sine, Robert D., et al., eds.: Basic rehabilitation techniques: A self-instructional guide, 70-N

Wilson, Philip K., et al.: Policies and procedures of a cardiac rehabilitation program immediate to long-term care, 374-N
Zohman, Lenore R., and Kattus, Albert A., eds.: Cardiac rehabilitation for the practicing physician, 838-N

Research

Ciba Foundation symposium 61 (new series): Chlorophyll organization and energy transfer in photosynthesis, 838-N
Herz, Albert, ed.: Developments in opiate research, 70-N
Porter, Ruth, and Whelan, Julie: Hepatotrophic factors, 70-N

Rheumatology

McCarty, Daniel J., ed.: Arthritis and allied conditions: A textbook of rheumatology, 838-N
Polley, Howard F., and Hunder, Gene G.: Rheumatologic interviewing and physical examination of the joints, 375-N
Soren, Arnold: Histodiagnosis and clinical correlation of rheumatoid and other synovitis, 158-N

Sex

Comfort, Alex, ed.: Sexual consequences of disability, 530-N
Green, Richard, ed.: Human sexuality: A health practitioner's text, 758-N
Kentsmith, David K., and Eaton, Merrill T., Jr.: Treating sexual problems in medical practice, 605-N
Masters, William H. and Johnson, Virginia E.: Homosexuality in perspective, 758-N

Statistics

Leaverton, Paul E.: A review of biostatistics: A program for self-instruction, 454-N
Lowe, C.R., and Lwanga, S.K., eds.: Health statistics: A manual for teachers of medical students, 70-N
Petrie, Aviva: Lecture notes on medical statistics, 376-N

Surgery

Keener, Ellis B., et al., eds.: Clinical neurosurgery, 302-N
Mohs, Frederic E.: Chemosurgery: Microscopically controlled surgery for skin cancer, 375-N
Montgomery, William W.: Surgery of the upper respiratory system, 758-N
Ravitch, Mark M., et al., eds.: Pediatric surgery (vol. 1, 2), 529-N
Rob, Charles, et al., eds.: Advances in surgery, 375-N
Schwartz, Seymour I., et al., eds.: The year book of surgery 1978, 776-R
Thorek, Philip: Surgical diagnosis, 93-R

Urology

Coe, Fredric Lawrence: Nephrolithiasis: Pathogenesis and treatment, 71-N
Earley, Lawrence E., and Gottschalk, Carl W., eds.: Strauss and Welt's Diseases of the kidney, 679-N
Grayhack, John T., ed.: The year book of urology 1978, 606-N
Smith, Donald R., et al.: General urology, 159-N

C

CALCIUM
a comparison of the effects of ruthenium red and calcium ions on excitation and excitation-contraction coupling in skeletal muscle, [Howell and Snowdowne], 901-RES
effects of calcium and foreign cations on resting potentials, action potentials, and excitation—contraction coupling in skeletal muscle, [Howell], 66-RES
ultrastructural calcium localization in intestinal mucosa in response to vitamin D therapy, [Schunder], 232-RES
CALIFORNIA MEDICAL ASSOCIATION
a study of power (regarding article by Blackstone—"The AMA and the Osteopaths: A Study of the Power of Organized Medicine,"), 94-E
CANCER
anticarcinogenic effect of mercenene, [Peplowski and Lin], 144-RES
asbestos alert, 16-E
breast, current perspectives in treatment of, [Freed], 420*
fibroleiomyoma of the bronchus; report of case, [Hecker], 876*
in vivo and in vitro transformations of murine tissue to produce a lymphosarcoma, [Carnes], 142-RES
lung, aryl hydrocarbon hydroxylase in lung cancer patients; a potential diagnostic tool, [Cantrell, Mc Lemore, Martin, and Busbee], 146-RES
multiple myeloma; results with the M-2 protocol in a community hospital, [Miller and Perrotta], 857*
prostate, possible early detection of, by measurement of urinary non-esterfied cholesterol, [Cenedella, Belis, and Milam], 148-RES
rectum, preoperative irradiation in definitive treatment of adenocarcinoma of the rectum, [Farquhar, III], 574*
studies on mechanism of cancer-induced lipolysis, [Zepp, Urbanc, and Cenedella], 232-RES
CARDIOVASCULAR DISEASE
cardiac drugs; assessment of new concepts concerning therapy of cardiac arrhythmias, [Kleiber and Schwinghamer], 744*
cardiovascular manifestations of ankylosing spondylitis, [Burnstein, Weinstein, Miota, and Melnicoff], 723*
cardiovascular specialty issue; a large step forward, [Wolfson and Haspel], 694-E
endocrinopathies and the heart, [Haenel], 711*
hemodynamic monitoring in acute myocardial infarction, [Papa], 701*
insertion of Swan-Ganz catheters by subclavian technique, [Katz], 889*
ischemic, echocardiography; applications to clinical spectrum of ischemic heart disease, [Tytler, Jr.], 399*
mitral valve prolapse, [Auseon], 739*
paroxysmal superventricular tachycardia, [Rogers], 733*
surgical treatment of angina pectoris, [Coleman], 727*
surgical treatment of severe coronary artery disease with critical stenosis of the left main coronary artery, [Kleiber, Gonzalez-Lavin, and Blair], 865*
use of vasodilator therapy for heart failure, [Blonder] 753*
CASE REPORTS
anecdotes and things, 696-E
CATHETERIZATION
insertion of Swan-Ganz catheters by subclavian technique, [Katz], 889*
subclavian vein, experience with in a community hospital, [Smoot], 426*
CELLS
differentiation, histogenesis of paravertebral sympathetic ganglia in the chick, [Luckenbill-Edds and Horn], 65-RES
effect of elaidic acid feeding to tumor-bearing mice on the fatty acid composition of the Erlich ascites tumor cells and the host liver, [Awad], 141-RES
in vivo and in vitro transformations of murine tissue to produce a lymphosarcoma, [Carnes], 142-RES
in vitro development of skeletal muscle satellite cells, [Young], 379-RES
muscle, synthesis and accretion of myosin during muscle cell differentation, [Dombroske and Young], 63-RES
CEREBROVASCULAR DISEASE
arterial occlusion in children; report of case, [Ruberg], 110*
CESAREAN SECTION
breech delivery in the primigravida; vaginal versus cesarean section, [Nemcok], 479*
trends in the use of cesarean section; review of 15 years' experience, [Wolf], 624*
CHALONES
chalonic inhibition inducing tumorogenesis, [Pawlak], 142-RES
CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE
information on, 93-AL
CHILDREN
childhood; time of turbulence, growth, and diagnostic challenge, [Humphrey II], 54*
diseases in, arterial occlusion in children; report of case, [Ruberg], 110*
diseases in, use of lactulose syrup for the control of hyperammonemia in Reye's syndrome; report of case, [Smith, Mikesell, and Stoker], 126*
systemic lupus erythematosus: a renal review with a pediatric perspective, [Miceli and Moore], 799*
CHOLANGIOGRAPHY
operative, [Pedano], 662*
CHOLANGITIS
large duodenal diverticulum with septicemia, cholangitis, and jaundice, [Bai], 263*
CHOLECYSTOSONOGRAPHY
and the obstetrician, [Mansi], 40*
CHOLELITHIASIS
cholecystosonography and the obstetrician, [Mansi], 40*
CHOLESTEROL
effects of saturated and unsaturated dietary fat on cholesterol storage in the guinea pig, [Crocker and Ostwald], 64-RES
urinary, possible early detection of prostatic cancer by measurement of urinary non-esterfied cholesterol, [Cenedella, Belis, and Milam], 148-RES
CHROMATOGRAPHY
isoelectric ion-exchange, [Kline, Callahan, and Salvucci], 142-RES
CHYLOTHORAX
congenital, pleural effusion in the neonate caused by congenital chylothorax, [Backes], 32*
COLIPHAGES
infection of Salmonella typhimurium by coliphages T_3 and T_7, [Mojica-A, Middleton, and Garcia], 143-RES
COLLAGEN
clinical experiences with microcryatalline collagen hemostatic material, [Rose, Stanley, Holt, and Arnold], 254*
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY, NEW JERSEY SCHOOL OF OSTEOPATHIC MEDICINE
information on, 94-AL
COLLEGE OF OSTEOPATHIC MEDICINE AND SURGERY
information on, 94-AL
COLLEGE OF OSTEOPATHIC MEDICINE OF THE PACIFIC
information on, 94-AL
COLLEGES
osteopathic, general information, 93-AL
CONDITIONING
classical conditioning of the hind limb flexion reflex in the cat, [Patterson and Romano], 898-RES
CONJUNCTIVITIS
acute follicular, differential diagnosis and management of, [Ranelle], 49*
CONSTITUTION
See American Osteopathic Association
CONVENTION
profession goes Hawaiian, 252-E
COPPER METABOLISM
See Wilson's Disease

CORONARY ARTERY DISEASE
See under Arteries
CORONARY SPASM
an opportunity (ad hoc committee on osteopathic research), 470-E
CRANIUM
dental search for a common denominator in craniocervical pain and dysfunction, [Magoun], 810*
mechanoelectric patterns during craniosacral osteopathic diagnosis and treatment, [Upledger and Karni], 782*
mechaneoelectrically recorded physiologic patterns which relate to subjectively reported craniosacral mechanism phenomena, [Upledger, Karni, and Retzlaff], 297-RES
recording of the cranial rhythmic impulse, [Tettambel, Cicora, and Lay], 149-RES
relationship between craniosacral examination findings and the problems of special education students*, [Upledger], 379-RES
subjectivity-unsound basis for craniosacral research, [Steiner], 386-L
CRESCENDO ANGINA
See Angina
CRYPTOTIS PARVA
12-day embryo of the least shrew, cryptotis parva, [Buening and Mock], 144-RES

D

DEATH CERTIFICATE
filling out a death certificate, [Bennett, Hendrickson, and Gierke], 597-SA
DELIVERY
breech, in the primigravida; vaginal versus cesarean section, [Nemcok], 479*
trends in the use of cesarean section; review of 15 years' experience, [Wolf], 624*
vaginal, breech delivery in the primigravida; vaginal versus cesarean section, [Nemcok], 479*
DEGREES
academic, a matter of degrees, 547-E
medical, it's hard to explain, 779-E
medical, study of power (regarding article by Blackstone — "The AMA and the Osteopaths: A Study of the Power of Organized Medicine,"), 94-E
DENTISTRY
the dental search for a common denominator in craniocervical pain and dysfunction, [Magoun], 810*
DIAZOXIDE
effect of diazoxide and minoxidil on canine vascular responsiveness, [Elko, Wood, and Igbokwe], 835-RES
DICHOTOMISTIC NICOTINAMIDE ADENINE DINUCLEOTIDE
utilization of vitamin-free casamino acids by dichotomistic nicotinamide adenine dinucleotide mutants of Escherichia coli, [Kerr and Tritz], 64-RES
DIET
deficiency in, kwashiorkor as a result of food faddism, [Klimek, and Wharton], 136*
DISABILITY
chronic, physical impairment and emotional problems among chronically disabled patients, [Alexander, Hesbacher, and Rothman], 792*
DISK SURGERY
See Laminectomy
DISODIUM EDETATE
effects of EDTA chelation therapy on plaque composition and serum lipoproteins in atherosclerotic rabbits, [Walker, Wilson, and Kaman], 144-RES
DIURETICS
stimulation of bicarbonate reabsorption by the diuretic drug, amiloride, [Ehrenspeck, Durham, and Brodsky], 904-RES
DIVERTICULUM
large duodenal, with septicemia, cholangitis, and jaundice, [Bai], 263*
DRUG THERAPY
assessment of new concepts concerning the therapy of cardiac arrhythmias, [Kleiber and Schwinghamer], 744*
use of vasodilator therapy for heart failure, [Blonder], 753*
DUODENUM
large duodenal diverticulum with septicemia, cholangitis, and jaundice, [Bai], 263*

E

ECHOCARDIOGRAPHY
applications to clinical spectrum of ischemic heart disease, [Tytler, Jr.], 399*
EDITORIALS
alcoholism's price tag: $43 billion, 395
a long term investment, 174
a matter of degrees, 547
a mighty challenge, 619
an opportunity, 470
a patient rebellion?, 17
a positive effect?, 618
asbestos alert, 16
a sense of family, 174
anecdotes and things, 696
a study of power, 94
"down the tube—to where?" 250
enough is enough, 619
holistic medicine, 854
how "osteopathic" should an osteopathic hospital be?, 852
"if you want to help . . .", 396
it's hard to explain, 777
maybe we should advertise!, 470
national health insurance-revisited, 96
Nelson A. Rockefeller, 1908-1979, [Siehl], 471
not so benign a neglect, 317
our osteopathic heritage; practicing the precepts within the specialty, [Fetzer], 249
pediatric supplement, [Melnick], 94
research: a priority item, 317
spontaneous pneumothorax: therapeutic trends, [Giudice], 852
the AOA, HRA, and family medicine, 318
the importance of conventions, 175
the malpractice spectrum: an update, 549
the "need"—no discrimination, [McDevitt], 16
the profession goes Hawaiian, 252
the real facts and figures about medicine, 95
they're playing our song, 695
to a young doctor, 777
too many or too few?, 777
EDUCATION, GRADUATE
osteopathic, a mighty challenge (task force on graduate osteopathic medical education), 619-E
EDUCATION, MEDICAL, CONTINUING
general information, 130-AL
EDUCATION, PREDOCTORAL
accreditation process for colleges of osteopathic medicine, 87-AL
standards for colleges of osteopathic medicine, 86-AL
ELAIDIC ACID
effect of, on feeding to tumor-bearing mice on the fatty acid composition of the Ehrlich ascites tumor cells and the host liver, [Awad], 141-RES
ELBOW
tennis elbow, [Bowden], 45*
ENDOCRINOPATHIES
and the heart, [Haenel], 711*
ENTERITIS
eosinophilic, diagnosis and management, [Fabaz and Dunworth], 655*
ENZYMES
effects of near maximal aerobic exercise on serum enzyme activity in women, [Kaman and Wade], 904-RES
EOSINOPHILIA
pulmonary, review of literature and report of case, [Garmon], 348*
ESCHERICHIA COLI
sequence of enzymatic steps in the biosynthesis of NAD by Escherichia coli, [Steiner, Heard, and Tritz], 900-RES
ETHYL CHLORIDE
for relief of head pain, [Grainger], 537-L
EXERCISE
effects of near maximal aerobic exercise on serum enzyme activity in women, [Kaman and Wade], 904-RES
heart rate fluctuations in healthy subjects following exercise, [Friedman, Boydman, Rizzo, Greene, and Brooks], 66-RES
skeletal muscle hypertrophy induced by weight-lifting exercise in cats, [Ericson], 836-RES
EYE DISEASES
differential diagnosis and management of acute follicular conjunctivitis, [Ranelle], 49*
EYELID
effects of CS intensity on classical eyelid response conditioning in the cat, [Patterson, Mathews, and Goudy], 148-RES
trichophytosis; report of a case, [Jablonski], 35*

F

FASCIA
some clinical considerations on fascia in diagnosis and treatment, [Cooper], 336*
FEMUR
osteonecrosis of the femoral head as related to alcoholism, [Estrine], 637*
FETAL ALCOHOL SYNDROME
physical and intellectual manifestations; comparison of two cases, [Miceli, Marsh, and Jarrett], 116*
FETUS
intrauterine growth retardation; report of case and review of literature, [Irving], 488*
response to auditory stimuli in hypertensive and normal pregnancy, [Levine], 515*
study of the relationship between Goodwin's high-risk scoring system and fetal outcome, [Foy, and Backes], 113*
relationship between meconium-stained amniotic fluid and changes in fetal heart rate, [Mansi], 475*
FIBROLEIOMYOMA
of the bronchus; report of case, [Hecker], 876*
5-HYDROXYTRYPTAMINE
effect of operant behavior on the metabolism of 5-hydroxy-tryptamine, [Shepard and Emmett-Oglesby], 234-RES
FLUORIDE
fluoride-induced polyuria in the dog, [Sinclair and Woolridge], 63-RES
pharmacokinetics of fluoride in the dog, [Sinclair], 835-RES
FLUOROSCOPY
straight facts about fluoroscopic positioning, [Farrington], 537-L
FRATERNITIES AND SORORITIES
organization and officers, 43-AL

G

GAIT
analysis of, as a diagnostic tool and for evaluation of treatment, [Dinnar], 447-RES
GALLSTONES
operative cholangiography, [Pedano], 662*
GASTRITIS
alkaline, surgical correction of, by Roux-en Y diversion technique; report of case, [Sullivan], 290*
GAVEL CLUB
organization and officers, 42-AL
GENERAL PRACTITIONER
trends in the diagnosis and therapy of acute oral pharyngitis in the state of Iowa, [Johnson, Crocker, and Wilson], 902-RES
GILBERT'S SYNDROME
report of case and review of literature, [Cowsill], 631*
GLUCOSEPHOSPHATE ISOMERASE
three-phase program for the identification and characterization of genetic variant

forms of glucosephosphate isomerase, [Gracy], 231-RES
GLUTATHIONE
inhibition of drug metabolism as a possible mechanism for the protective effect of diethylmaleate against CCl_4 hepatotoxicity, [Suarez, Kopplin, and Griffin], 900-RES
GOODWIN'S HIGH-RISK SCORING SYSTEM
study of the relationship between Goodwin's high-risk scoring system and fetal outcome, [Foy and Backes], 113*
GRANTS AND LOANS
general information, 99-AL
GYNECOLOGY
sexuality—the mature or childbearing years and the effect of gynecologic surgery, [Chapman], 509*
ultrasound in obstetrics and gynecology, [Grant and Katzen], 221*
GUANETHIDINE
the effects of guanethidine on adrenergic and purinergic inhibition of the urinary bladder of the cat, [Theobald], 901-RES

H

H-ICDA
See Terminology, Osteopathic
HAIR TRANSPLANTATION
for congenital alopecia, [Puig and Haenschen], 432*
HAMSTER
ultrastructural characterization of ovulation in, [Sissom and Carnes], 146-RES
HEADACHE
osteopathic manipulation in treatment of muscle-contraction headache, [Hoyt, Shaffer, Bard, Benesler, Blankenhorn III, Gray, Hartman, and Hughes], 322*
HEALTH CARE
a patient rebellion, 17-E
costs, enough is enough, 619-E
costs, national health insurance-revisited, 96-E
costs, the real facts and figures about medicine, 95-E
too many or too few?, 777-E
HEART
rate, fluctuations in healthy subjects following exercise, [Friedman, Boydman, Rizzo, Greene, and Brooks], 66-RES
HEART FAILURE
congestive, afterload reduction in treatment of, [Komansky and Zagoren], 326*
use of vasodilator therapy for heart failure, [Blonder], 753*
HEMORRHAGE
gastrointestinal, varices of the small intestine; rare cause of massive gastrointestinal hemorrhage, [Smialek], 281*
myocardial contractility during and following hemorrhagic hypotension, [Gaugl and Haenke], 145-RES
HEMOSTASIS
clinical experiences with microcrystalline collagen hemostatic material, [Rose, Stanley, Holt, and Arnold], 254*
HERPESVIRUS HOMINIS
approaches to management of Type 2 Herpesvirus hominis (HVH/2) genital infections; experience based on an animal model, [Allen, Hintz, and Harris], 377-RES
HIP
proximal femoral replacement total hip arthroplasty, [Roose], 666*
HIPPOCAMPUS
analysis of local excitatory mechanisms in the hippocampus, [Baker and Kratky], 147-RES
HIRSUTISM
management of, in the female, [Atkins], 645*
HISTAMINE
and acetaminophen—a reader's "untoward" reaction, [Barsky], 163-L
HOLISTIC MEDICINE
holistic medicine, 854-E
HOMEOSTASIS
the musculoskeletal system; a major factor in maintaining homeostasis, [Hoag], 562*
HORMONE
differences in the buccal mucosae among women with different prevailing hormone influences, [Croley and Miers], 296-RES
HOSPITALS, OSTEOPATHIC
how "osteopathic" should an osteopathic hospital be?, 852-E
libraries in, 135-AL
listing, accredited and approved for intern and residency training, 105-AL
requirements for intern training and the intern registration program, 122-AL
requirements for residency training in osteopathic specialties, 118-AL
HYDROCEPHALUS
with teratoma—an attempt at twinning; report of case, [Stevens, Jr.], 441*
HYPERAMMONEMIA
the use of lactulose syrup for the control of, in Reye's syndrome; report of case, [Smith, Mikesell, and Stoker], 126*
HYPERTENSION
effect of diazoxide and minoxidil on canine vascular responsiveness, [Elko, Wood, and Igbokwe], 835-RES
in children, [Snyder], 130*
in pregnancy; a chronic disease process, [Librizzi], 494*
intracranial, benign intracranial hypertension associated with palsy of the third cranial nerve, [Sperry], 816*
occurrence of pheochromocytoma after ingestion of imipramine, [Johnson, Jones, and Stewart], 332*
praise for pediatric hypertension article, [Levy], 538-L
HYPONATREMIA
in the clinical hospital setting, [Rubin and Hollandsworth], 583*
HYPOTENSION
evidence against a reflex vasodilation in hemorrhagic hypotension, [Bond, Peissner, and Manning], 836-RES
myocardial contractility during and following hemorrhagic hypotension, [Gaugl and Haenke], 145-RES

I

IMIPRAMINE
occurrence of a pheochromocytoma after ingestion of imipramine, [Johnson, Jones, and Stewart], 332*
ILLNESS
chronic, physical impairment and emotional problems among chronically disabled patients, [Alexander, Hesbacher, and Rothman], 792*
INFECTIONS DISEASE
approaches to management of Type 2 Herpesvirus hominis (HVH/2) genital infections; experience based on an animal model, [Allen, Hintz, and Harris], 377-RES
chest physical therapy for children with pneumonia, [Levine], 122*
myositis, myoglobinuria, and muscle fiber necrosis associated with parainfluenza Type III virus infection, [Roberts, Hartlage, and Bowman], 378-RES
trichophytosis; report of a case, [Jablonski], 35*
INTENSIVE CARE
transport of neonates for intensive care, [Ryan], 103*
INTERNS
requirements for intern training and the intern registration program, 122-AL
ISOTHIOCYANO DISULFONIC STILBENES
effects on anion transport in turtle bladders; evidence for electrogenic HCO_3 secretion, [Ehrenspeck, Brodsky, and Durham], 143-RES

J

JAUNDICE
large duodenal diverticulum with speticemia, cholangitis, and jaundice, [Bai], 263*
JEJUNUM
pathways of weak acid transport in rat jejunum, [Hatch], 145-RES
JOURNAL OF THE AMERICAN OSTEOPATHIC ASSOCIATION
our osteopathic heritage; practicing the precepts within the specialty, [Fetzer], 249-E
pediatric supplement, [Melnick], 94-E

K

KANSAS CITY COLLEGE OF OSTEOPATHIC MEDICINE
information on, 94-AL
KIDNEY
investigation of renal lymph and lymphatic vessels, [Bell], 837-RES
KIRKSVILLE COLLEGE OF OSTEOPATHIC MEDICINE
information on, 94-AL
KLIPPEL-FEIL SYNDROME
a new concept of genetic transmission in, [Roberts], 297-RES
KWASHIORKOR
as a result of food faddism, [Klimek and Wharton], 136*

L

LABORATORY ANALYSIS
biochemical biopsy; interpretative reporting of electrophoresis data, [Kabara], 447-RES
LAFFLERS SYNDROME
See Eosinophilia
LAMINECTOMY
is it worth it?, [Wood], 671*
LAPAROSCOPY
a new uterine mobilizer for, [Palmer], 524-CN
LEG
differential diagnosis of leg ulcers, [Litchfield, Wolfson, Haspel, and Dunlap], 364*
LEGISLATION
federal, the "need"—no discrimination (osteopathic facilities given special consideration under NHPRDA), [Mc Devitt], 16-E
state, a study of power (regarding article by Blackstone—"The AMA and the Osteopaths: A Study of the Power of Organized Medicine,"), 94-E
LEPTOSPIRES
studies on the metabolism of Leptospira interrogans serovar illini, [Steiner and Johnson], 447-RES
LIBRARIES
in osteopathic hospitals, 135-AL
LICENSURE
osteopathic licensing summary, 46-AL
state, all D.O.s are not created equal, [Flick], 388-L
LIPIDS
effects of saturated and unsaturated dietary fat on cholesterol storage in the guinea pig, [Crocker and Ostwald], 64-RES
LIPOLYSIS
studies on the mechanism of cancer-induced lipolysis, [Zepp, Urbanc, and Cenedella], 232-RES
LIVER
age-related alterations in poly (A) metabolism in rat liver, [Yannarell], 296-RES
inhibition of drug metabolism as a possible mechanism for the protective effect of diethylmaleate against CCl_4 hepatotoxicity, [Suarez, Kopplin, and Griffin], 900-RES
LUPUS ERYTHEMATOSUS
systemic lupus erythematosus: a renal review with a pediatric perspective, [Miceli and Moore], 799*
LYMPHOSARCOMA
in vivo and in vitro transformations of murine

tissue to produce a lymphosarcoma, [Carnes], 142-RES

M

MALPRACTICE INSURANCE
See Professional Liability
MANIPULATIVE THERAPY
they're playing our song, 695-E
MECONIUM
relationship between meconium-stained amniotic fluid and changes in fetal heart rate, [Mansi], 475*
MEDICAL PRACTICE
a patient rebellion, 17-E
all D.O.s are not created equal, [Flick], 388-L
new name for medical record, [Miller], 388-L
not so benign a neglect (professional standards review organization, 318-E
the use of the problem-oriented medical record to improve delivery of osteopathic health care, [Townsend], 179*
MEDICAL WRITING
anecdotes and things, 696-E
"if you want to help . . . " (need to publish controversial material), 396-E
MEDI-NOTES
Sept., p. 8, iron deficiency anemia in adults, renal lithiasis, chronic brain disease, coronary heart disease and hypertension therapy, "social hunger" and the geriatric patient, travelers' diarrhea, diagnosis of pulmonary embolism, diagnosing and managing urinary infections
Oct., p. 82, failed lumbar disk surgery, nonmedical aspects of migraine, autonomic neuropathy and the genitourinary tract, craniocaudal axial view of sacroiliac joints, external cardiac massage, nonsteroidal anti-inflammatory drugs in asthma therapy, chronotherapeutics, physostigmine therapy for memory loss, one-week hospital stay after acute myocardial infarction, the cancer personality, relation of cigarette smoking to myocardial infarction in young women, propranolol withdrawal in angina pectoris, asbestos exposure
Nov., p. 168, malnutriton in the elderly, noncardiac surgery in patients with coronary artery disease, hypertensive disorders of pregnancy, return of splenic function after splenectomy, management of menopause with estriol
Dec., p. 241, spinal fusion in the treatment of lumbar disk disease, exercise for the mind (need for elderly to avoid intellectual stagnation) evaluation of renal calculi by ultrasonography, temporomandibular joint dysfunction—a dental approach, abdominal aortic aneurysm, "shotgun" treatment of anemia, rehabilitation of the chronic asthmatic, intramuscular injection—site complications
Jan., p. 309, nutrition, a deficiency in medical education, Legionnaires' disease, carcinoma of the prostate, uncommon cause of stroke, potassium supplements and patient compliance, evaluating syncope
Feb. 5, p. 389, sacroiliac disease and low backache in women, a positive diagnosis of the irritable bowel, management of the irritable bowel syndrome, quinidine-digoxin interaction, acupuncture and analgesia
March, p. 460, mimics of coronary heart disease, weakness in the elderly, scorecard for lumbar disk surgery, hypouricemia and Hodgkin's disease, rest as therapy, ophthalmic features of whiplash-type injuries, treatment of pressure sores, asbestos-related diseases, psychogenic rheumatism, complications of sinusitis, nitrate for congestive heart failure, calcium in the management of osteoporosis, discogenic radiculopathy, appendicitis in the aged
April, p. 539, dural pain as the mechanism for backache, iron supplements in infants on prolonged breast feeding, relationship between cholelithiasis and hiatus hernia, continuous infusion of low-dose insulin in diabetic ketoacidosis
May, p. 613, coronary-artery system, theophylline therapy for chronic childhood asthma, detection of asymptomatic colorectal cancer, menopause and coronary heart disease, pyridoxine deficiency on diabetic neuropathy
June, p. 692, low back pain in the elderly, propranolol for antihypertensive therapy, arthritis of the temporomandibular joint, microlumbar discectomy, microsurgical treatment of transient cerebral ischemia
July, p. 769, anatomy of lumbar nerve posterior rami, trochanteric bursitis as cause of pelvic girdle pain, sustained benefit of nitroglycerin ointment for angina pectoris, aspirin in migraine prophylaxis, carotidynia, infantile atlantooccipital instability, chronic mesenteric ischemia mimicking cancer, HDL cholesterol and the risk of heart disease, brachial plexus injury in football players, gastrointestinal symptoms of thyroid disease
Aug., p. 849, coronary artery spasm, manipulation in the management of low back pain, fever of unknown origin, neuromuscular fatigue (myasthenia gravis), lumbar spinal stenosis, back disorders, acupuncture analgesia, four risk factors for visual loss in diabetic retinopathy, digoxin therapy for sinus rhythm
MERCENENE
anticarcinogenic effect of, [Peplowski and Lin], 144-RES
MESOTHELIOMA
asbestos alert, 16-E
METHYLPHENIDATE
tolerance to the behavioral effects of, after daily and intermittent administration, [Emmett-Oglesby, and Brewin], 143-RES
MICHIGAN STATE UNIVERSITY—COLLEGE OF OSTEOPATHIC MEDICINE
information on, 95-AL
MILCOM SYSTEM
new name for medical record, [Miller], 388-L
MINOXIDIL
effect of diazoxide and minoxidil on canine vascular responsiveness, [Elko, Wood, and Igbokwe], 835-RES
MITRAL VALVE
prolapse, [Auseon], 739*
MORTALITY
maternal, under osteopathic care; twenty years' experience, [Orth, Jr.], 21*
MUCOLIPIDOSIS III
(pseudo-Hurler polydystrophy); report of case, [Murphy], 37*
MUCOSA
buccal, differences in buccal mucosae among women with different prevailing hormone influences, [Croley and Miers], 296-RES
MULTIPLE MYELOMA
See Myeloma
MUSCLE
dystrophic, developmental characteristics of myogenic cells prepared from dystrophic human skeletal muscle, [Young and Phillips], 295-RES
in vitro development of skeletal muscle satellite cells, [Young], 379-RES
myositis, myoglobinuria, and muscle fiber necrosis associated with parainfluenza Type III virus infection, [Roberts, Hartlage, and Bowman], 379-RES
postnatal ontogenetic changes in beta-adrenoceptor activity of the canine tracheal smooth muscle, [Pandya], 377-RES
skeletal, a comparison of the effects of ruthenium red and calcium ions on excitation and excitation-contraction coupling in skeletal muscle, [Howell and Snowdowne], 901-RES
skeletal, effects of calcium and foreign cations on resting potentials, action potentials, and excitation-contraction coupling in skeletal muscle, [Howell], 66-RES
skeletal muscle hypertrophy induced by weight-lifting exercise in cats, [Ericson], 836-RES
stimulus for collateral nerve sprouting in muscle, [Tweedle and Kabara], 899-RES
temporalis muscle action in parietotemporal suture compression, [Retzlaff, Mitchell, Jr., Upledger, Biggert, and Vredevoogd], 141-RES
tracheal, temperature-induced modifications on reactivity of the canine tracheal smooth muscle to carbachol, isoproterenol, and aminophylline, [Pandya], 899-RES
MUSCULOSKELETAL SYSTEM
major factor in maintaining homeostasis, [Hoag], 562*
some clinical considerations on fascia in diagnosis and treatment, [Cooper], 336*
study of the somatic component of experimental myocardial infarction, [De Bias, Greene, Heilig, and Woolard], 145-RES
MYELIN
association of sulphogalactosylglycerolipid of rodent brain with myelination, [Pieringer, Rao, Mandel, and Pieringer], 63-RES
MYELOMA
multiple; results with the M-2 protocol in a community hospital, [Miller and Perrotta], 857*
MYOBLASTS
myoblast-stimulating peptides from nerve, [Kuntz, Corner, and Nelson], 231-RES
MYOCARDIAL INFARCTION
hemodynamic monitoring in acute, [Papa], 701*
study of the somatic component of experimental myocardial infarction, [De Bias, Greene, Heilig, and Woolard], 145-RES
MYOCARDIUM
model for studying a viscerosomatic reflex induced by myocardial infarction in the cat, [Schoen and Finn], 62-RES
myocardial contractility during and following hemorrhagic hypotension, [Gaugl and Haenke], 145-RES
MYOSIN
synthesis and accretion of, during muscle cell differentiation, [Dombroske and Young], 63-RES

N

NATIONAL BOARD OF EXAMINERS FOR OSTEOPATHIC PHYSICIANS AND SURGEONS
organization and officers, 83-AL
NATIONAL HEALTH INSURANCE
national health insurance—revisited, 96-E
NATIONAL HEALTH PLANNING AND RESOURCES DEVELOPMENT ACT
the "need"—no discrimination (osteopathic facilities given special consideration under NHPRDA), [Mc Devitt], 16-E
NATIONAL OSTEOPATHIC FOUNDATION
organization and officers, 42-AL
NEONATE
assisted ventilation of, [Hart], 210*
comments on assisted ventilation in, [Kantor], 688-L
high-risk, study of the relationship between Goodwin's high-risk scoring system and fetal outcome, [Foy and Backes], 113*
pleural effusion in, caused by congenital chylothorax, [Backes], 32*
transport of, for intensive care, [Ryan], 103*
NERVES
cranial, benign intracranial hypertension associated with palsy of the third cranial nerve, [Sperry], 816*
myoblast stimulating peptides from nerve, [Kuntz, Corner, and Nelson], 231-RES
stimulus for collateral nerve sprouting in muscle, [Tweedle and Kabara], 899-RES
NEW ENGLAND COLLEGE OF OSTEO-

PATHIC MEDICINE
information on, 95-AL
NEW YORK COLLEGE OF OSTEOPATHIC MEDICINE OF THE NEW YORK INSTITUTE OF TECHNOLOGY
information on, 95-AL
NICOTINAMIDE ANENINE DINUCLEOTIDE KINASE
isolation and characterization of, [Tseng, Harris, and Jacobson], 233-RES
sequence of enzymatic steps in the biosynthesis of NAD by Escherichia coli, [Steiner, Heard, and Tritz], 900-RES

O

OBSTETRICS
cholecystosonography and the obstetrician, [Mansi], 40*
maternal mortality under osteopathic care; twenty years' experience, [Orth, Jr.], 21*
ultrasound in obstetrics and gynecology, [Grant and Katzen], 221*
OCCLUSION
arterial, in children; report of case, [Ruberg], 110*
OHIO UNIVERSITY COLLEGE OF OSTEOPATHIC MEDICINE
information on, 95-AL
OKLAHOMA COLLEGE OF OSTEOPATHIC MEDICINE AND SURGERY
information on, 96-AL
OSTEONECROSIS
of the femoral head as related to alcoholism, [Estrine], 637*
OSTEOCLASTOMA
giant-cell tumor of bone (osteoclastoma); report of case, [Naftulin], 822*
OSTEOPATHIC COLLEGE OF OPHTHALMOLOGY AND OTORHINOLARYNGOLOGY
organization and officers, 40-AL
OSTEOPATHIC MANIPULATIVE THERAPY
an opportunity (ad hoc committee on osteopathic research), 470-E
decision-making process in, [Dinnar], 65-RES
in the treatment of muscle-contraction headache, [Hoyt, Shaffer, Bard, Benesler, Blankenhorn, III, Gray, Hartman, and Hughes], 322*
mechanical and material descriptors for sacroiliac treatments, [Karni, Dinnar, Mitchell, Jr., and Upledger], 378-RES
mechanoelectrically recorded physiological patterns which relate to subjectively reported craniosacral mechanism phenomena. [Upledger, Karni, and Retzlaff], 297-RES
OSTEOPATHIC MEDICINE
analysis of gait as diagnostic tool and for evaluation of treatment, [Dinnar], 447-RES
dental search for a common denominator in craniocervical pain and dysfunction, [Magoun], 810*
"down the tube—to where?", 250-E
holistic medicine, 854-E
how "osteopathic" should an osteopathic hospital be?, 852-E
it's hard to explain, 779-E
mechano-electric patterns during craniosacral osteopathic diagnosis and treatment, [Upledger and Karni], 782*
musculoskeletal system; major factor in maintaining homeostasis, [Hoag], 562*
our osteopathic heritage; practicing the precepts within the specialty, [Fetzer], 249-E
physical therapist's view of, [Bowling], 4-L
recording of cranial rhythmic impulse, [Tettambel, Cicora, and Lay], 149-RES
relationship between craniosacral examination findings and the problems of special education students, [Upledger], 379-RES
sense of family (strength of osteopathic profession is in its unity), 174-E
subjectivity—unsound basis for craniosacral research, [Steiner], 386-L
they're playing our song, 695-E
to a young doctor, 777-E
use of the problem-oriented medical record to improve delivery of osteopathic health care, [Townsend], 179*
waging war against complacency, [Rowland, Jr.], 537-L
OSTEOPATHIC TRUST
organization and officers, 43-AL
OVARY
ultrastructure, characterization of ovulation in the hamster, [Sissom and Carnes], 146-RES

P

PAIN
head, ethyl chloride for relief of, head pain, [Grainger], 537-L
PALSY
benign intracranial hypertension associated with palsy of the third cranial nerve, [Sperry], 816*
PARIETOTEMPORAL SUTURE COMPRESSION
temporalis muscle action in, parietotemporal suture compression, [Retzlaff, Mitchell, Jr., Upledger, Biggert, and Vredevoogd], 141-RES
PATELLA
results of excision of, [Pinsky and Olson], 286*
PEDIATRICS
supplement, [Melnick], 94-E
PEPTIDES
growth-promoting activity of the synthetic peptide glycyl-L-histidyl-L-lysine for human KB cells, [William and Cheng], 446-RES
PERITONITIS
tuberculous; a diagnostic and therapeutic challenge, [Meoli], 827*
PHARYNGITIS
trends in the diagnosis and therapy of acute oral pharyngitis in the state of Iowa, [Johnson, Cocker, and Wilson], 902-RES
PHEOCHROMOCYTOMA
occurrence of, after ingestion of imipramine, [Johnson, Jones, and Stewart], 332*
PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE
information on, 96-AL
PHYSICAL THERAPY
physical therapist's view of osteopathic medicine, [Bowling], 4-L
chest physical therapy for children with pneumonia, [Levine], 122*
PHYSICIANS
number of, too many or too few?, 777-E
PLEURA
pleural effusion in the neonate caused by congenital chylothorax, [Backes], 32*
PNEUMONIA
chest physical therapy for children with, [Levine], 122*
PNEUMOTHORAX
spontaneous, refractory and recurrent; medical management with intrapleural tetracycline, [Fox], 882*
therapeutic trends, [Giudice], 852-E
POLYURIA
fluoride-induced, in the dog, [Sinclair and Woolridge], 63-RES
POSTURE
evaluation of locomotor and postural biomechanics; holistic approach, [Wells], 447-RES
PREGNANCY
cholecystosonography and the obstetrician, [Mansi], 40*
hazards of radiation in pregnancy, [Jeck], 435*
hypertension in, fetal response to auditory stimuli in hypertensive and normal pregnancy, [Levine], 515*
hypertension in, chronic disease process, [Librizzi], 494*
maternal mortality under osteopathic care; twenty years' experience, [Orth, Jr.], 21*
PROFESSIONAL LIABILITY
malpractice spectrum; an update, 549-E
PROFESSIONAL STANDARDS REVIEW ORGANIZATIONS
not so benign a neglect 318-E
PROSTATE
possible early detection of prostatic cancer by measurement of urinary non-esterfied cholesterol, [Cenedella, Belis, and Milam], 148-RES
PROSTATECTOMY
Transurethral, statistical and comparative analysis of 415 cases, [Murphy], 553*
PROTEIN
diisoelectric behavior of the histidine-rich protein isolated from the epidermis of the newborn rat, [Tollefsbol and Kaman], 295-RES
effect of cytosolic protein on prothrombin synthesis and vitamin K epoxidase activity in vitro, [Willingham and Martin], 446-RES
PROTEASE
production of, by Pseudomonas aeruginosa isolated from burn patients, [Reeves], 296-RES
PROTHROMBIN
effect of cytosolic protein on prothrombin synthesis and vitamin K epoxidase activity in vitro, [Willingham and Martin], 446-RES
vitamin K-dependent carboxylation of a specific precursor of prothrombin, [Willingham and Martin], 900-RES
PSEUDO-HURLER POLYDYSTROPHY
See Mucolipidosis III
PSORALENS
use of, and high-intensity ultraviolet irradiation in office practice for psoriasis [Superfon, Williams, and Woll], 557*
PSORIASIS
use of psoralens and high-intensity ultraviolet irradiation in office practice, [Superfon, Williams, and Woll], 557*
PULMONARY DISEASE
chest physical therapy for children with pneumonia, [Levine], 122*
estimation of respiratory reserve for physical exercise from maximum breathing capacity in patients with COLD, [Minh, Bell, and Dolan], 64-RES
refractory and recurrent spontaneous pneumothorax; medical management with intrapleural tetracycline [Fox], 882*
spontaneous pneumothorax; therapeutic trends, [Giudice], 852-E

R

RADIATION
hazards of, in pregnancy, [Jeck], 435*
preoperative irradiation in the definitive treatment of adenocarcinoma of the rectum, [Farquhar, III], 574*
REFLEX
gastrointestinal reflexes of visceral and somatic origin, [Friedman, Hudson, and Young], 903-RES
neural, evidence against a reflex vasodilation in hemorrhagic hypotension, [Bond, Peissner, and Manning], 836-RES
spinal, in the dog, [Krogh and Denslow], 147-RES
viscerosomatic, a model for studying a viscerosomatic reflex induced by myocardial infarction in the cat, [Schoen and Finn], 62-RES
RENAL DISEASE
elevated uric acid level; clinical significance in cardiovascular and renal disease, [MacLaurin], 72-AUD
RESEARCH, OSTEOPATHIC
an opportunity (ad hoc committee on osteopathic research), 470-E
research; a priority item, 394-E

research in osteopathic colleges, update 1977, [Foster and Nelson], 234-RES
Abstracts from the Twenty-Second National Research Conference are listed alphabetically by authors. (See note regarding papers from the Twenty-Third National Osteopathic Research Conference at end of this group.)
Allen, Lois B., Hintz, Carol J., and Harris, Elizabeth F.: Approaches to management of Type 2 Herpesvirus hominis (HVH/2) genital infections; experience based on an animal model, 377
Awad, Atif B.: Effect of elaidic acid feeding to tumor-bearing mice on the fatty acid composition of the Ehrlich ascites tumor cells and the host liver, 141
Baker, Walter W., and Kratky, Martha: Analysis of local excitatory mechanisms in the hippocampus, 147
Blanchard, B. Everard: The Blanchard obesity and nutritional index (BONI), 294
Bond, Robert F., Peissner, Lorraine C., and Manning, Eva: Oxygen consumption and skeletal muscle vascular decomposition during hypovolemic shock, 526
Buening, Ronald A., and Mock, Orin B.: The 12-day embryo of the Least Shrew, Cryptotis parva, 144
Cantrell, E.T., Mc Lemore, T.L., Martin, R.R., and Busbee, D.L.: Aryl hydrocarbon hydroxylase in lung cancer patients; a potential diagnostic tool, 146
Carnes, James E.: In vivo and in vitro transformations of murine tissue to produce a lymphosarcoma, 142
Cenedella, Richard J., Belis, John A., and Milam, P.F.: Possible early detection of prostatic cancer by measurement of urinary non-esterfied cholesterol, 148
Crocker, Patrick J., and Ostwald, Rosemarie: The effects of saturated and unsaturated dietary fat on cholesterol storage in the guinea pig, 64
Croley, Thomas E., and Miers, Carol: Differences in the buccal mucosae among women with different prevailing hormone influences, 296
De Bias, D.A., Greene, C.H., Heilig, D., and Woolard, M.R.: A study of the somatic component of experimental myocardial infarction, 145
Dinnar, Uri: Analysis of gait as a diagnostic tool and for evaluation of treatment, 447
Dinnar, Uri: Decision-making process in manipulative therapy, 65
Dombroske, Olan C., and Young, Ronald B.: Synthesis and accretion of myosin during muscle cell differentiation, 63
Ehrenspeck, G., Brodsky, W.A., and Durham, J.: Disulfonic stilbene effects on anion transport in turtle bladders; evidence for electrogenic HCO_3 secretion, 143
Emmett-Oglesby, M.W., and Brewin, Anne: Tolerance to the behavioral effects of methylphenidate after daily and intermittent administration, 143
Foster, Leland G., and Nelson, Eldon L.: Research in osteopathic colleges; update 1977, 234
Friedman, M.H.F., Boydman, S., Rizzo, F., Greene, H., and Brooks, I.: Heart rate fluctuations in healthy subjects following exercise, 66
Gaugi, John F., and Haenke, Richard: Myocardial contractility during and following hemorrhagic hypotension, 145
Gracy, Robert W.: A three-phase program for the identification and characterization of genetic variant forms of flucosephosphate isomerase, 231
Harris, Elizabeth F.: Characterization of mutants of a very small staphylophage, 65
Hatch, William J.: Pathways of weak acid transport in rat jejunum, 145
Howell, John N.: Effects of calcium and foreign cations on resting potentials, action potentials, and excitation-contraction coupling in skeletal muscle, 66
Hudgins, Patricia M., and Bond, Guy H.: Kinetics of inhibition of human red cell membrane NaK-ATPase by vanadium, 294
Johnston, William L., and Hill, J.L.: Segmental dysfunction in the cervicothoracic spine, 149
Kabara, Jon J.: Biochemical biopsy; interpretative reporting of electrophoresis data, 447
Karni, Zvi, Dinnar, Uri, Mitchell, Fred, Jr., and Upledger, John E.: Mechanical and material descriptors for sacroiliac treatments, 378
Kerr, Thomas J., and Tritz, Gerald J.: Utilization of vitamin-free casamino acids by dichotomistic nicotinamide adenine dinucleotide mutants of Escherichia coli, 64
Kline, Mervyn H., Callahan, David M.P., and Salvucci, Thomas J.: Isoelectric ion-exchange chromatography, 142
Krough, J.E., and Denslow, J.S.: A spinal reflex in the dog, 147
Kuntz, Eloise, Corner, Rebecca, and Nelson, Scott: Myoblast stimulating peptides from nerve, 231
Lacko, Andreas G., and Davis, Jerry L.: Age-related serum lipid and lipoprotein changes in rats and primates, 150
Luckenbill-Edds, L., and Horn, C. Van: Histogenesis of paravertebral sympathetic ganglia in the chick, 65
Measel, John, Jr.: Initial studies into the protective effect of passive immunization by enterobacterial antigen, 233
Minh, Vu-Dinh, Bell, Joseph W., and Dolan, Gerald F.: Estimation of respiratory reserve for physical exercise from maximum breathing capacity in patients with COLD, 64
Mitchell, Fred, Jr., Roppel, Richard, St. Pierre, Norman: Accuracy and perceptual decisional delay in motion perception, 149
Mojica-A, T., Middleton, R.B., Garcia, E.: Infection of Salmonella typhimurium by Coliphages T_3 and T_7, 143
Pandya, K.H.: Postnatal changes in beta-adrenoceptor activity of the canine tracheal smooth muscle, 377
Patterson, Michael M., Mathews, William G., and Goudy, William D.: Effects of CS intensity on classical eyelid response conditioning in the cat, 148
Pawlak, Anne M.: Chalonic inhibition inducing tumorogenesis, 142
Peplowski, Bernyce M., and Lin, Yu Chen: The anticarcinogenic effect of mercenene, 144
Pieringer, Joanne G., Rao, G. Subba, Mandel, Paul, and Pieringer, Ronald A.: Association of sulphogalactosylgycerolipid of rodent brain with myelination, 63
Ragg, Kerry E., and Klinzing, James: Metabolic adaptations to physical training, 150
Reeves, James B.: Production of proteases by Pseudomonas aeruginosa isolated from burn patients, 296
Retzlaff, Ernest W., Mitchell, Fred, Jr., Upledger, John E., Biggert, Thomas, and Vredevoodg, J.: Temporalis muscle action in parietotemporal suture compression, 141
Roberts, F.W.: A new concept of genetic transmission in Klippel-Feil syndrome, 297
Roberts, F.W., Hartlage, Patricia, and Bowman, Marc: Myositis, myoglobinuria, and muscle fiber necrosis associated with parainfluenza Type III virus infection, 378
Rubal, B.J., Traycoft, R.B., and Ewing, K.L.: Heat of lumbrosacral sprain and postoperative instability, 151
Schoen, Robert E., and Finn, Warren E.: A model for studying a visceroscomatic reflex induced by myocardial infarction in the cat, 62
Schunder, Mary: Ultrastructural calcium localization in intestinal mucosa in response to vitamin D therapy, 232
Shepard, Paul, and Emmett-Oglesby, M.W.: Effect of operant behavior on the metabolism of 5-hydroxy-tryptamine, 234
Sinclair, Richard J., and Woolridge, Brad: Fluoride-induced polyuria in the dog, 63
Sissom, Janice, and Carnes, James E.: Ultrastructural characterization of ovulation in the hamster, 146
Slick, Gary L., Migdal, S.D., and Mc Donald, F.D.: The role of atrial transmural pressure in the antinatriuresis of thoracic inferior vena cava constriction, 448
Steiner, Bret M., and Johnson, Russell: Studies on the metabolism of Leptospira interrogans serovar illini, 447
Tettambel, Melicien, Cicora, R. Allen, and Lay, Edna M.: Recording of the cranial rhythmic impulse, 149
Tollefsbol, Trygve, and Kaman, Robert L.: Diisolectric behavior of the histidine-rich protein isolated from the epidermis of the newborn rat, 295
Towns, Lex C., and Brakensiek, Jay: Tectothalamic fiber projections in the rabbit, 148
Tseng, Yuh-Miin, Harris, Ben G., and Jacobson, Myron K.: Isolation and characterization of nicotinamide adenine dinucleotide kinase, 233
Upledger, John E.: The relationship between craniosacral examination findings and the problems of special education students, 379
Upledger, John E., Karni, Zvi, and Retzlaff, Ernest: Mechanoelectrically recorded physiological patterns which relate to subjectively reported craniosacral mechanism phenomena, 297
Walker, Foster, Wilson, Charlie, and Kaman, Robert L.: The effects of EDTA chelation therapy on plaque composition and serum lipoproteins in atherosclerotic rabbits, 144
Wells, James P.: Evaluation of locomotor and postural biomechanics; a holistic approach, 447
Williams, Marshall V., and Cheng, Yung-Chi: The growth-promoting activity of the synthetic peptide glycyl-L-histidyl-L-lysine for human KB cells, 446
Willingham, Allan K., and Martin, Suzanne L.: Effect of cytosolic protein on prothrombin synthesis and vitamin K epoxidase activity in vitro, 446
Yannarell, Anthony: Age-related alterations in poly (A) metabolism in rat liver, 296
Young, Ronald B.: In vitro development of skeletal muscle satellite cells, 379
Young, Ronald B., and Phillips, Teresa A.: Developmental characteristics of myogenic cells prepared from dystrophic human skeletal muscle, 295
Zepp, E.A., Urbanc, B.C., and Cenedella, R.J.: Studies on the mechanism of cancer-induced lipolysis, 232
Abstracts from the Twenty-Third Annual Osteopathic Research Conference (Partial list only. Publication of the Proceedings will continue in Volume 1979 and will be indexed in August 1980).
Bell, Richard D.: Investigation of renal lymph and lymphatic vessels, 837
Bond, Guy H., Urbanc, Bruce C. and Hudgins, Patricia M.: Regulation of membrane-transport ATPase activity by trace amounts of vanadium, 835
Bond, Robert F., Peissner, Lorraine C., and Manning, Eva S.: Evidence against a reflex vasodilation in hemorrhagic hypotension, 836
Ehrenspeck, G., Durham, J.H., and Brodsky, W.A.: Stimulation of bicarbonate reabsorption by the diuretic drug, amiloride, 904
Elko, Edward E., Wood, William B., and Igbokwe, Emmanuel C.: Effect of diazoxide and minoxidil on canine vascular responsiveness, 835
Ericson, Grover: Skeletal muscle hypertrophy induced by weight-lifting exercise in cats, 836

Friedman, M.H.F., Hudson, Wayne P., and Young, Galen S.: Gastrointestinal reflexes of visceral and somatic origin, 903
Heard, John T.: Specific pair formation in the Bacillus subtilis transformation system, 837
Howell, John N., and Snowdowne, Kenneth W.: A comparison of the effects of ruthenium red and calcium ions on excitation and excitation-contraction coupling in skeletal muscle, 901
Johnson, Noel T., Crocker, Patrick J., and Wilson, Richard A.: Trends in the diagnosis and therapy of acute oral pharyngitis in the state of Iowa, 902
Kaman, Robert L., and Wade, Twila: The effects of near maximal aerobic exercise on serum enzyme activity in women, 904
Pandya, Krishnakant H.: Temperature-induced modifications on reactivity of the canine tracheal smooth muscle to carbachol isoproterenol, and aminophylline, 899-RES
Patterson, Michael M., and Romano, Tony: Classical conditioning of the hind limb flexion reflex in the cat, 898
Sinclair, Richard J.: Pharmacokinetics of fluoride in the dog, 835
Steiner, Bert M., Heard, John T., and Tritz, Gerald J.: Sequence of enzymatic steps in the biosynthesis of NAD by Escherichia coli, 900
Suarez, Kenneth A., Kopplin, Ronald P., and Griffin, Kathy A.: Inhibition of drug metabolism as a possible mechanism for the protective effect of diethylmaleate against CCl_4 hepatotoxicity, 900
Theobald, Robert J.: The effects of guanethidine on adrenergic and purinergic inhibition of the urinary bladder of the cat, 901
Tweedle, Charles D., and Kabara, Jon J.: The stimulus for collateral nerve sprouting in muscle, 899
Willingham, Allan K., and Martin, Suzanne L.: Vitamin K-dependent carboxylation of a specific precursor of prothrombin, 900
RESIDENCIES
requirements for residency training in osteopathic specialties, 118-AL
REYE'S SYNDROME
use of lactulose syrup for the control of hyperammonemia in Reye's syndrome; report of case, [Smith, Mikesell, and Stoker], 126*
RHEUMATIC DISEASE
cardiovascular manifestations of ankylosing spondylitis, [Burnstein, Weinstein, Miota, and Melnicoff], 723*
histocompatibility antigens and rheumatic diseases, [Calabrese, Clough, and Braun], 192*
RHEUMATOID ARTHRITIS
total wrist arthrosplasty (Meuli) for the treatment of advanced rheumatoid arthritis, [Taylor], 267*
ROCKEFELLER, NELSON A.
Nelson A. Rockefeller, 1908-1979 (benefactor of osteopathic medicine), [Siehl], 471-E
ROCOM SYSTEM
See Milcom System
ROUX-EN Y TECHNIQUE
surgical correction of alkaline gastritis by the Roux-en Y diversion technique; report of case, [Sullivan], 290*
RUTHENIUM RED
a comparison of the effects of ruthenium red and calcium ions on excitation and excitation-contraction coupling in skeletal muscle, [Howell and Snowdowne], 901-RES

S

SACROILIAC
mechanical and material descriptors for sacroiliac treatments, [Karni, Dinnar, Mitchell, Jr., and Upledger], 378-RES
SALMONELLA TYPHIMURIUM
infection of Salmonella typhimurium by coliphages T_3 and T_7, [Mojica-A, Middleton, and Garcia], 143-RES
SEPTICEMIA
large duodenal diverticulum with septicemia, cholangitis, and jaundice, [Bai], 263*
SEXUALITY
mature or childbearing years and the effect of gynecologic surgery, [Chapman], 509*
SHOCK
hypovolemic, oxygen consumption and skeletal muscle vascular decomposition during, [Bond, Peissner, and Manning], 526-RES
SPEECHES
show and tell time for doctors (visual aids), [Knouse], 74-AUD
SPINE
a spinal reflex in the dog, [Krogh and Denslow], 147-RES
SPRAINS
surgical treatment of third-degree lateral ankle ligament ruptures to ensure stability, [Emerson], 273*
STAPHYLOPHAGE
mutants, characterization of mutants of a very small staphylophage, [Harris], 65-RES
STERILIZATION
tubal, intraumbilical postpartum tubal ligation using an anoscope, [Lee], 505*
STROKE
a positive effect? (decline of incidence of stroke), 618-E
STUDENT OSTEOPATHIC MEDICAL ASSOCIATION
organization and officers, 42-AL
SULPHOGALACTOSYLGLYCEROLIPID
association of sulphogalactosylglycerolipid of rodent brain with myelination, [Pieringer, Rao, Mandel, and Pieringer], 63-RES
SURGERY
our osteopathic heritage; practicing the precepts within the specialty [Fetzer], 249-E
SURGERY, OPERATIVE
crescendo angina; surgical experience, [Garland, McCaw, and Kreamer], 29*
intraumbilical postpartum tubal ligation using an anoscope, [Lee], 505*
postoperative complications: common problems in the surgical intensive care unit, [Reilley, and Gallagher], 651*
sexuality—the mature or childbearing years and the effect of gynecologic surgery, [Chapman], 509*
surgical correction of alkaline gastritis by the Roux-en Y diversion technique; report of case, [Sullivan], 290*
surgical treatment of angina pectoris, [Coleman], 727*
surgical treatment of severe coronary artery disease with critical stenosis of the left main coronary artery, [Kleiber, Gonzalez-Lavin, and Blair], 865*
SWAN-GANZ CATHETER
insertion of Swan-Ganz catheters by subclavian technique, [Katz], 889*

T

TACHYCARDIA
paroxysmal supraventricular, [Rogers], 733*
TARTRAZINE
histamine and acetaminophen—a reader's "untoward" reaction, [Barsky], 163-L
TECTOTHALAMIC FIBER PROJECTIONS
tectothalamic fiber projections in the rabbit, [Towns, and Brakensice], 148-RES
TEMPOROMANDIBULAR JOINT
the dental search for a common denominator in craniocervical pain and dysfunction, [Magoun], 810*
TENNIS ELBOW
tennis elbow, [Bowden], 45*
TERATOMA
hydrocephalus with teratoma—an attempt at twinning; report of case, [Stevens, Jr.], 441*
TERMINOLOGY, OSTEOPATHIC
136-AL
TEXAS COLLEGE OF OSTEOPATHIC MEDICINE
information on, 96-AL
TRICHOPHYTOSIS
report of a case, [Jablonski], 35*
TUMORS
chalonic inhibition inducing tumorogenesis, [Pawlak], 142-RES
TUMOR
giant-cell tumor of bone (osteoclastoma); report of case, [Naftulin], 822*

U

ULCERS
leg, differential diagnosis of, [Litchfield, Wolfson, Haspel, and Dunlap], 364*
ULTRASONOGRAPHY
in obstetrics and gynecology, [Grant and Katzen], 221*
URIC ACID
elevated level; clinical significance in cardiovascular and renal disease, [MacLaurin], 72-AUD
UTERUS
new uterine mobilizer for laparoscopy, [Palmer], 524-CN

V

VANADIUM
kinetics of inhibition of human red cell membrane NaK-ATPase by vanadium. [Hudgins and Bond], 294-RES
regulation of membrane-transport ATPase activity by trace amounts of vanadium, [Bond, Urbane, and Hudgins], 835-RES
VARICES
of small intestine; rare cause of massive gastrointestinal hemorrhage, [Smialek], 281*
VASODILATORS
See Drug Therapy
VENA CAVA
role of atrial transmural pressure in the antinatriuresis of thoracic inferior vena cava constriction, [Slick, Migdal, and Mc Donald], 448-RES
VENTILATION
assisted, comments on assisted ventilation in the neonate, [Kantor], 688-L
assisted, in the neonate, [Hart], 210*
VITAMIN D
ultrastructural calcium localization in intestinal mucosa in response to vitamin D therapy, [Schunder], 232-RES
VITAMIN K
effect of cytosolic protein on prothrombin synthesis and vitamin K epoxidase activity in vitro [Willingham and Martin], 446-RES
vitamin K-dependent carboxylation of a specific precursor of prothrombin, [Willingham and Martin], 900-RES

W

WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE
information on, 97-AL
WILSON'S DISEASE
copper metabolism; report of case of, [Watson], 588*
WRIST
total wrist anthrosplasty (Meuli) for the treatment of advanced rheumatoid arthritis, [Taylor], 267*